

813714  
217055

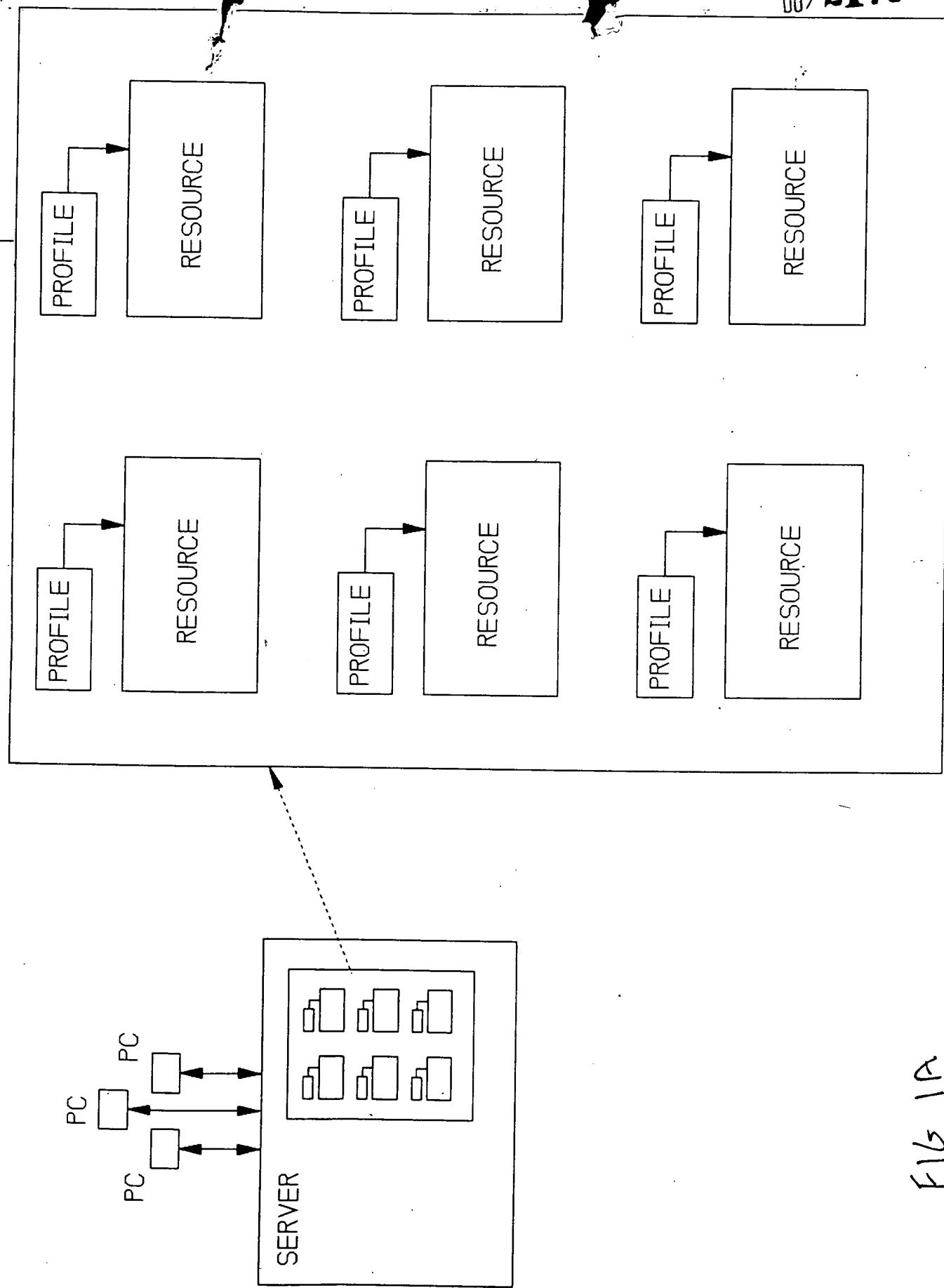
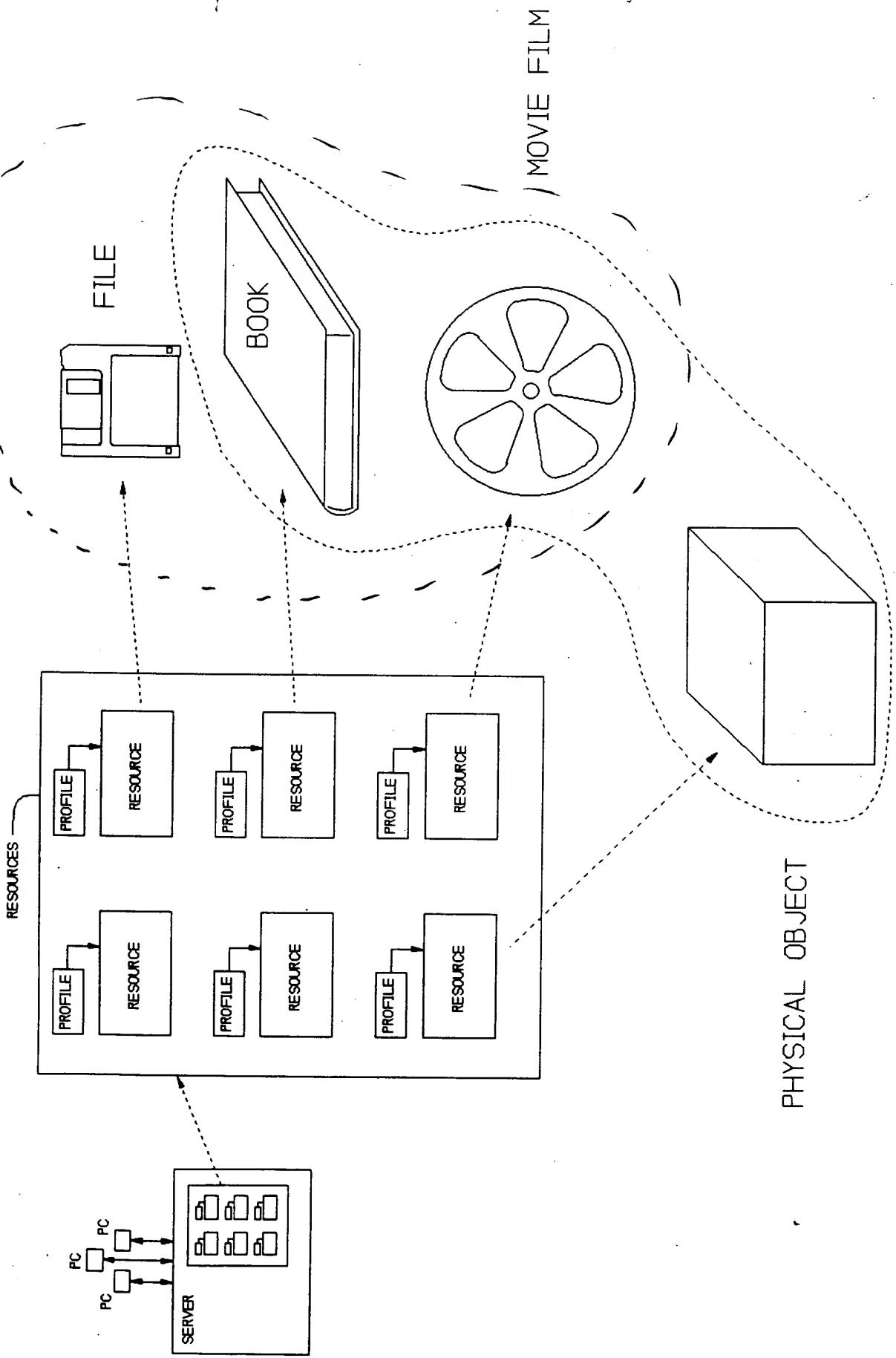


Fig 1A

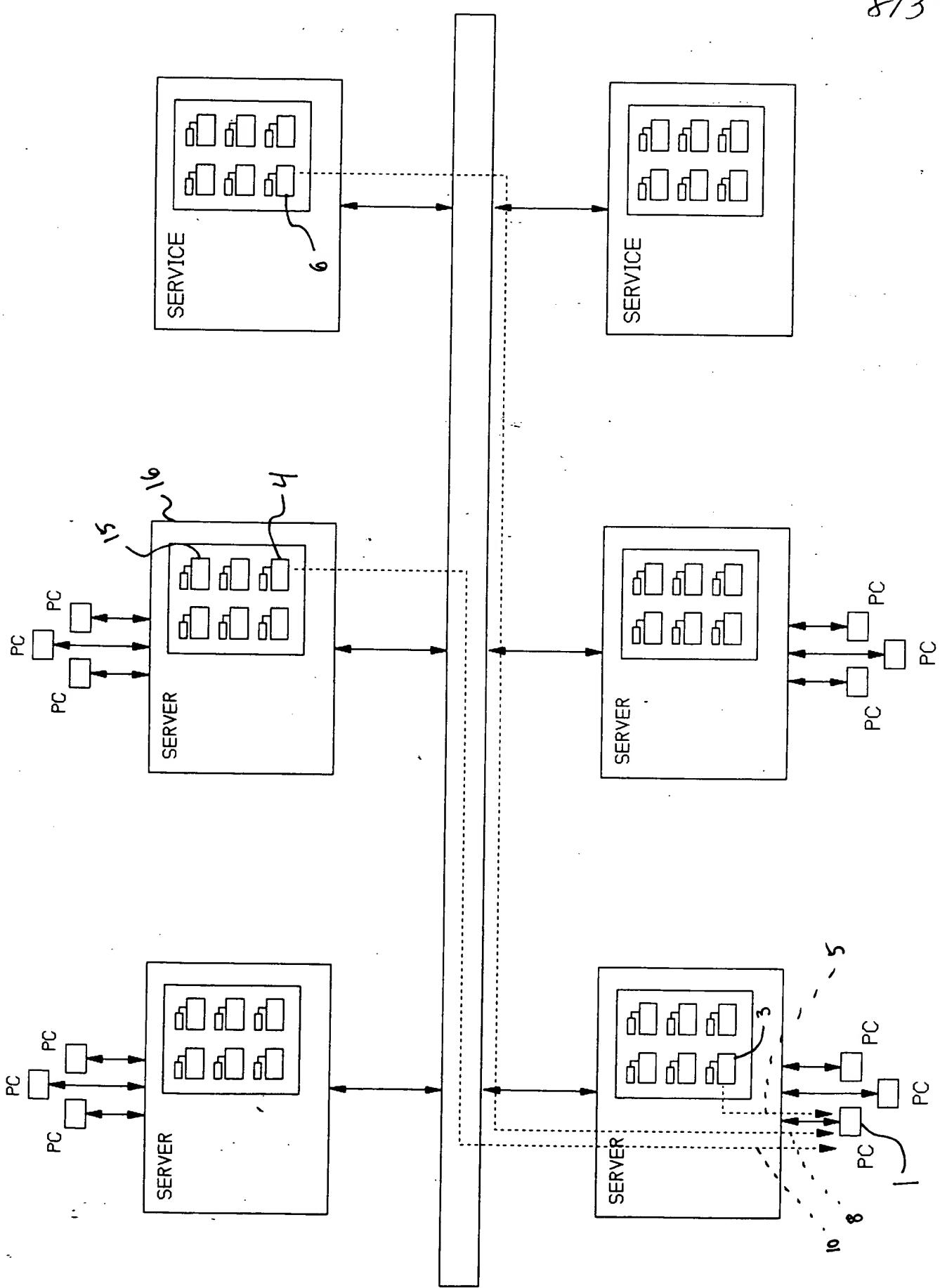
08/21/05  
8/13/14



File 1B

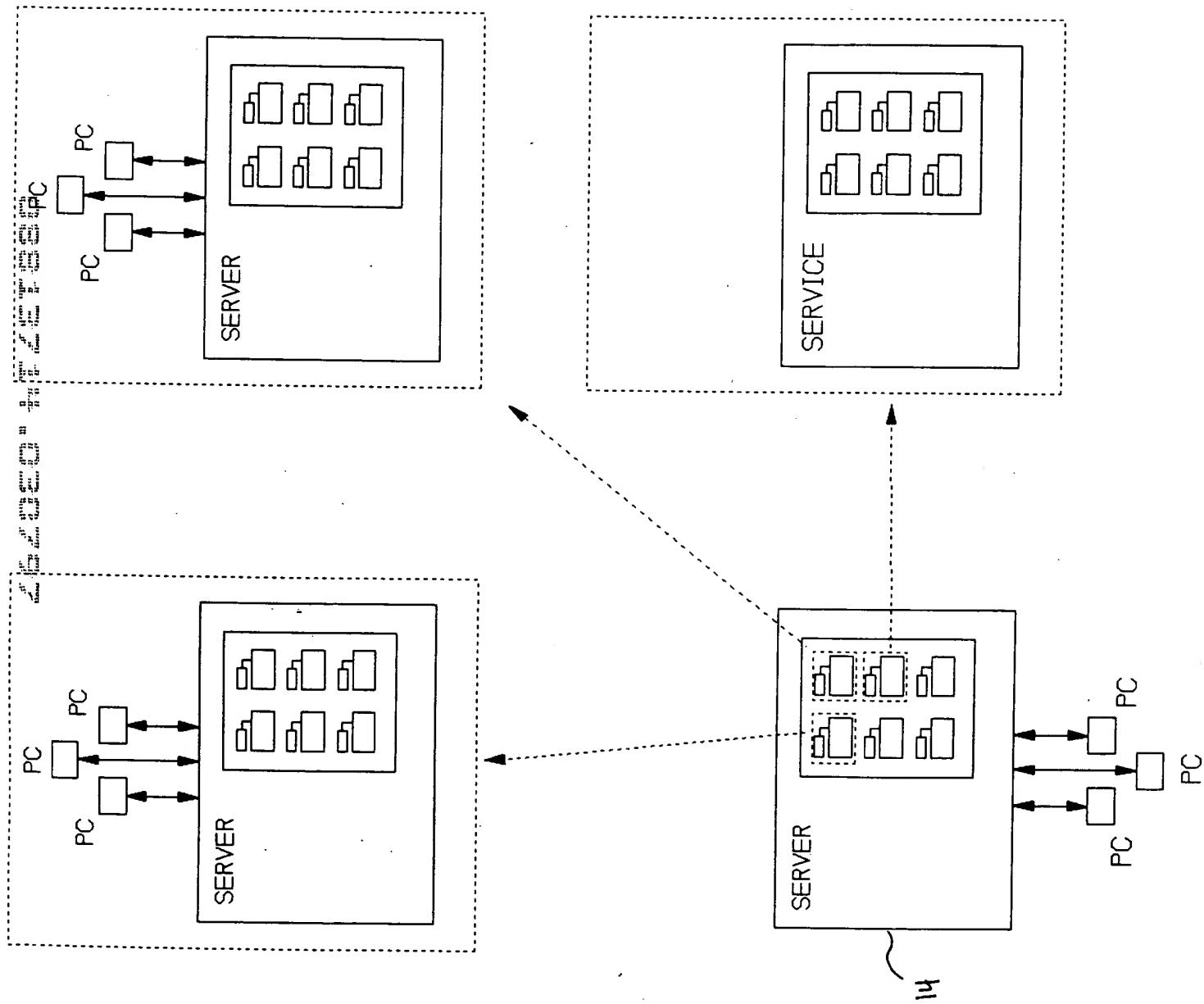
10/21/05  
8/13/14

Fl6. 1C



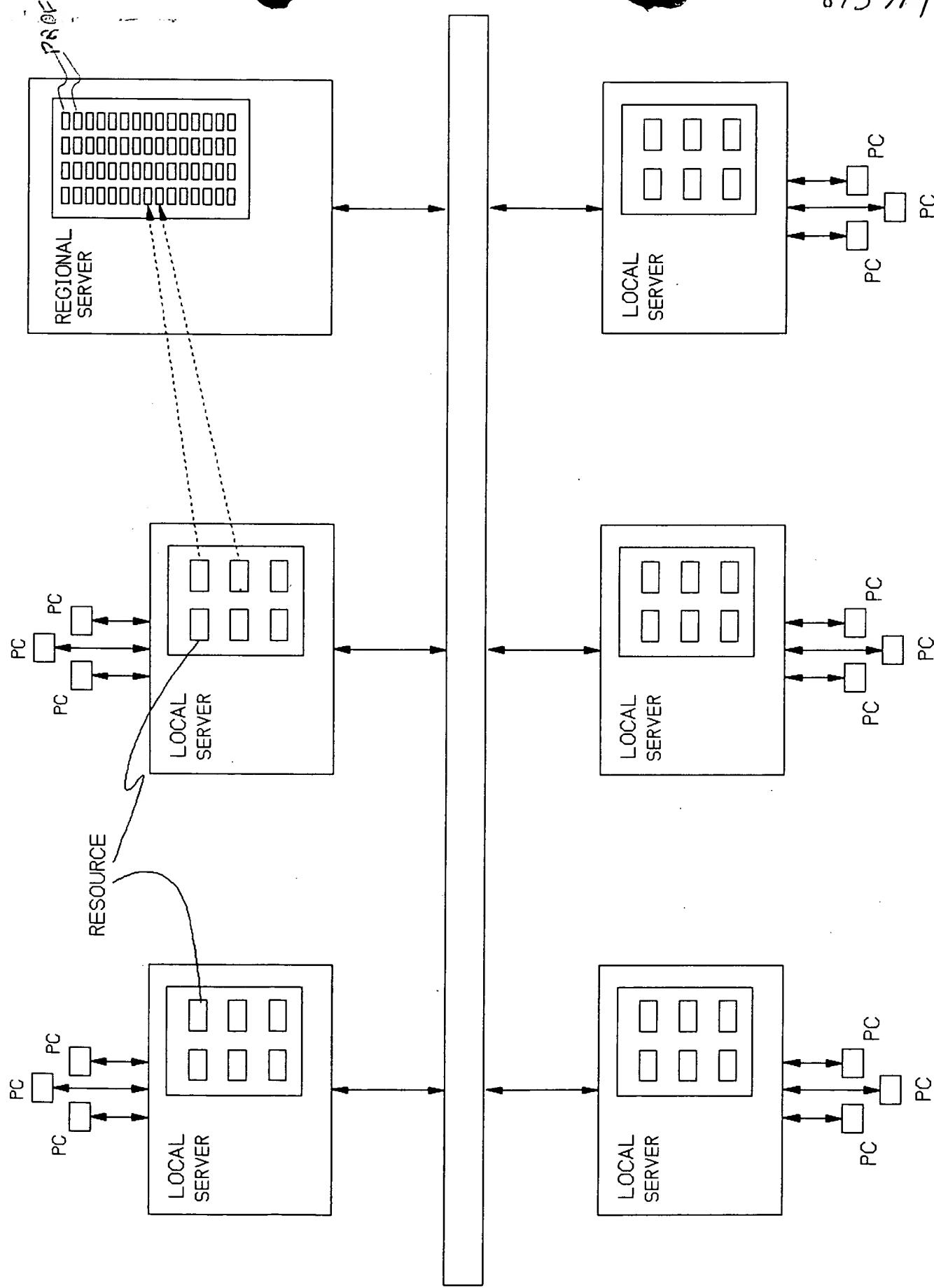
8/3/74

217055



File ID

08/217055  
8/3714



E16 1 E

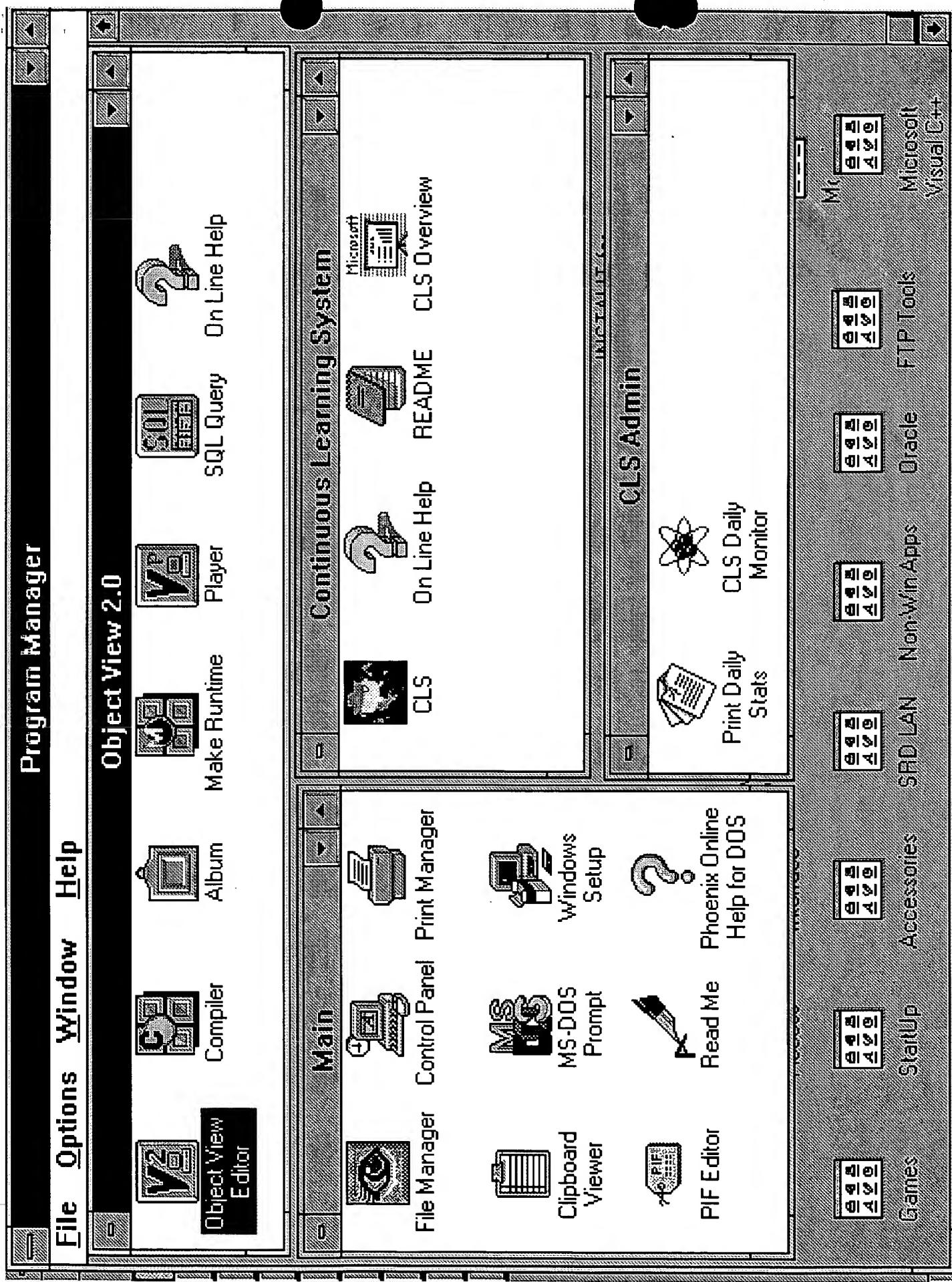
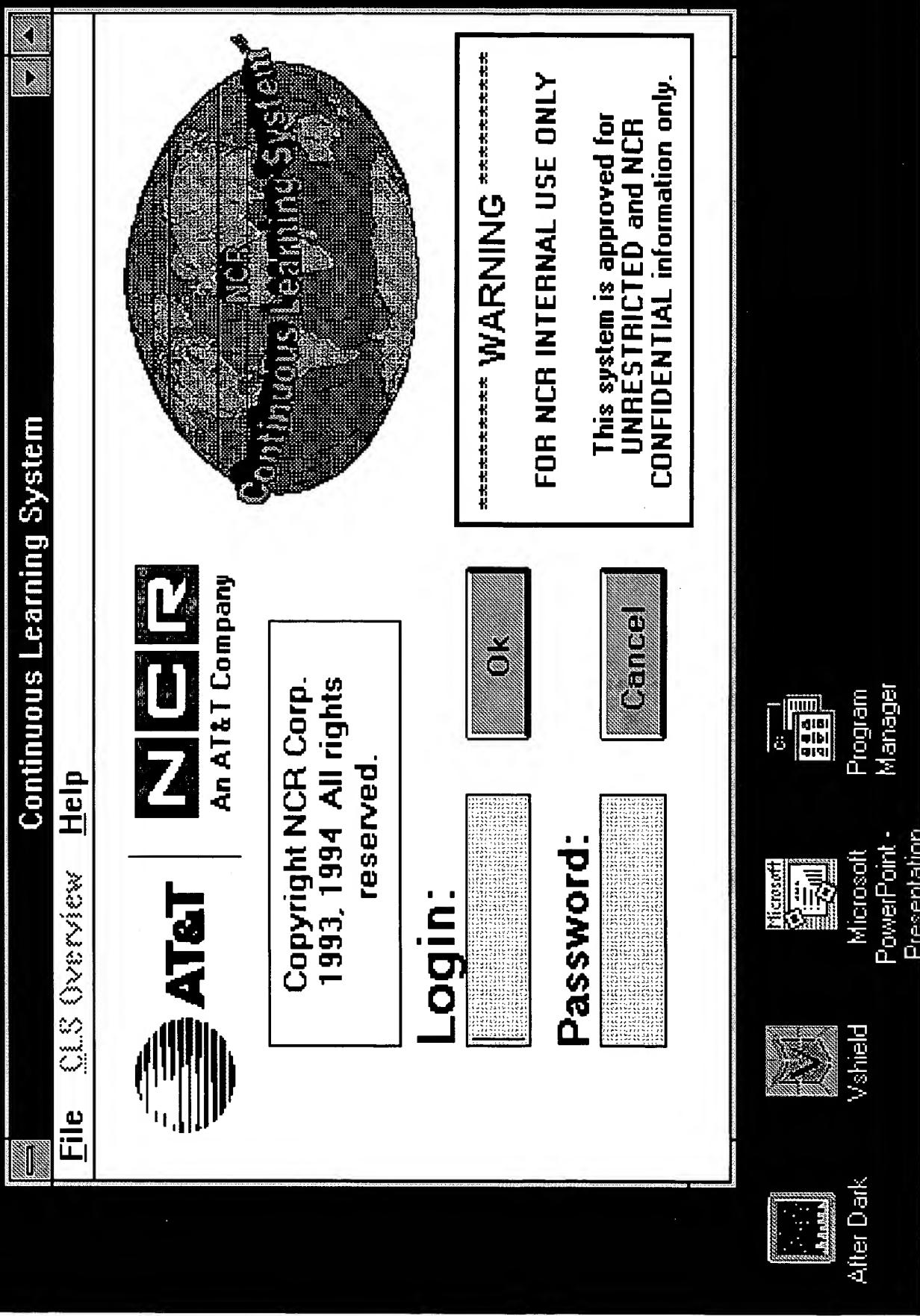


Fig. 1

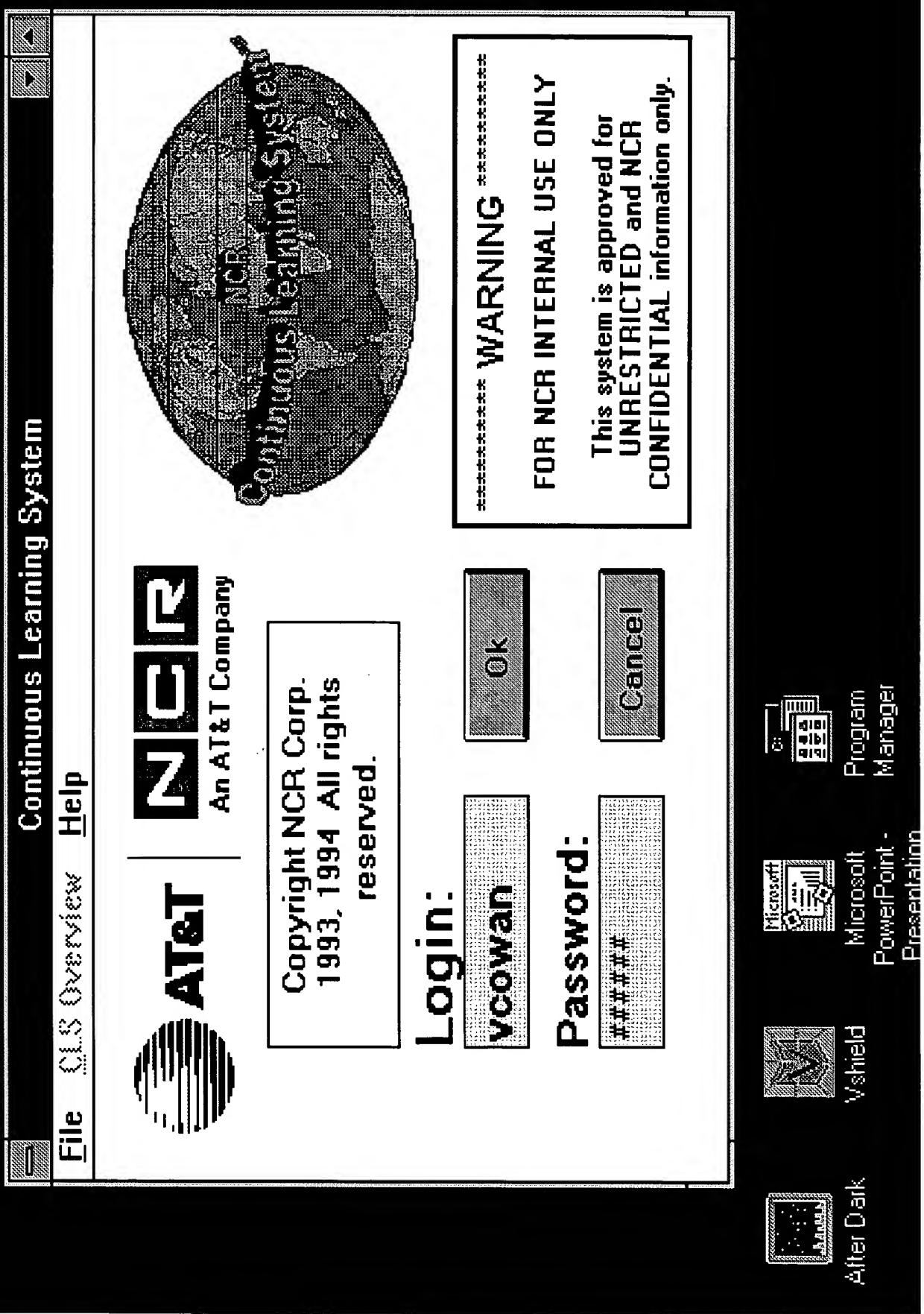
813714  
08/217055

Fig. 2



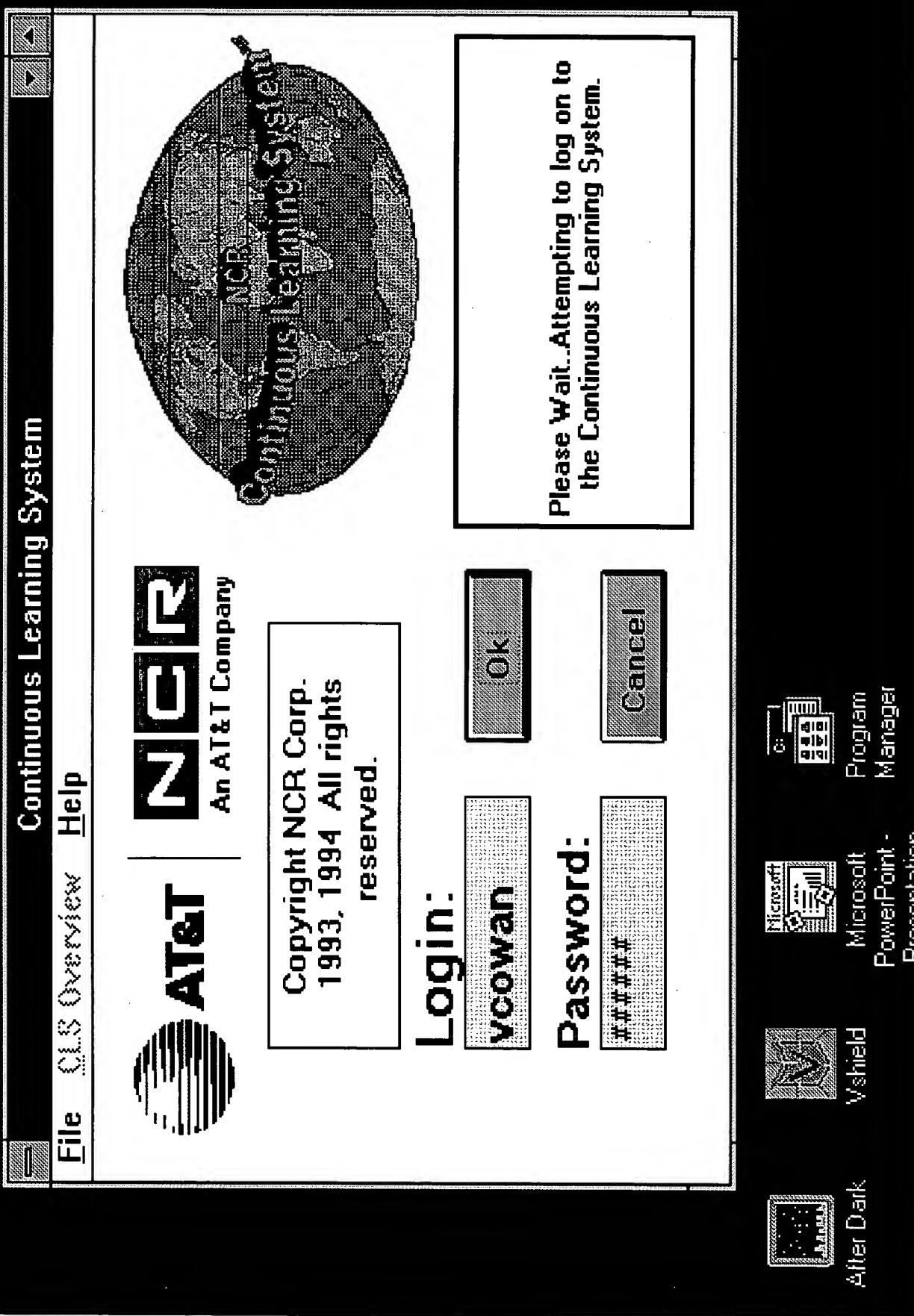
217055  
813 714

Fig. 3



81374  
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Fig. 4



## Continuous Learning System

### Locate and View

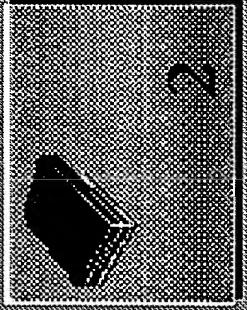
- Display resource names.
- Search resource names (including categories).
- Save search as interest.
- Choose and receive information/resource.



1

### Provide or Distribute

- Add, edit or delete entries to the Resource Center.



2

### Identify Interests

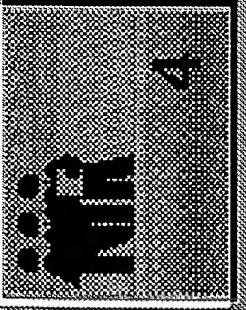
- Identify and save interests for notification.
- Review existing saved interests.



3

### Personal Information

- Review your personal profile.
- Change password.



4

9 notifications

Vickie Cowan

Click on flashing button or  
depress F8 to view  
notifications.

File History

16245-17

217065

11/18/80

Fig. 5

217055

**NCR Continuous Learning System**

**File Options Help**

**Continuous Learning System**

**Locale and View**

- Display resource names
- Search resource names (including categories)
- Save search as interest
- Choose and receive information resource

**Provide or Distribute**

- Add, edit or delete entries to the Resource Center

**Identify Interests**

- Identify and save interests for notification.
- Review existing saved interests

**Personal Information**

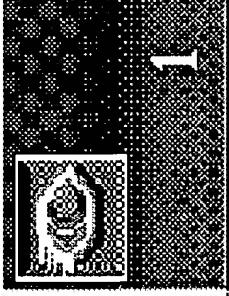
- Review your personal profile.
- Change password.

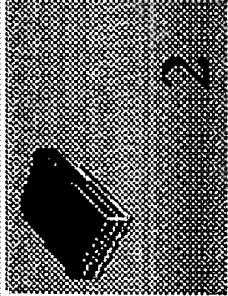
**ELS Advisor**

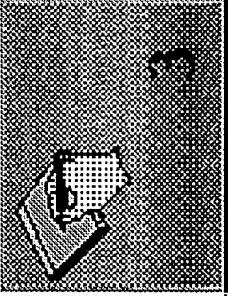
Click on flashing button or depress F8 to view notifications.

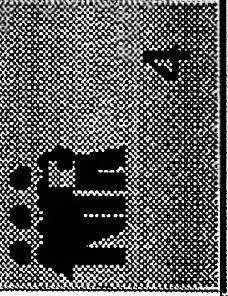
**File Advisor**

16-35-40

**1** 

**2** 

**3** 

**4** 

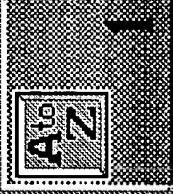
**9 notification(s)**

Vickie Fowman

11/18/80

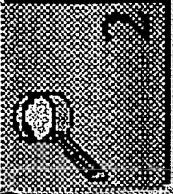
## Locate and View

### All Resources



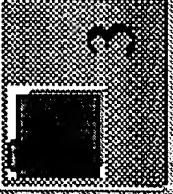
- Display all authorized resources.

### General Search



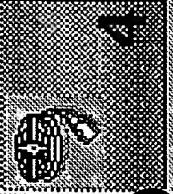
- Search resources by titles,  
descriptions, and/or dates.

### Category



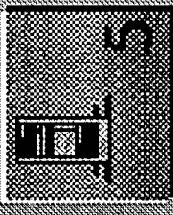
- Display all authorized resources by  
categories.

### Media



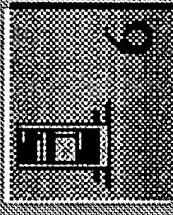
- Display all authorized resources by  
media type.

### Repositories



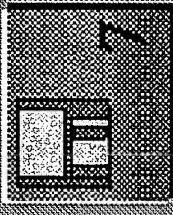
- Display all authorized resources by  
repositories.

### Systems



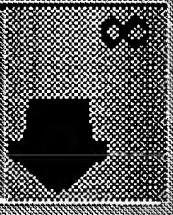
- Display all systems that can be  
executed by CLS.

### Save Search as Interest



- Saves last search request.

### Back to Previous Screen

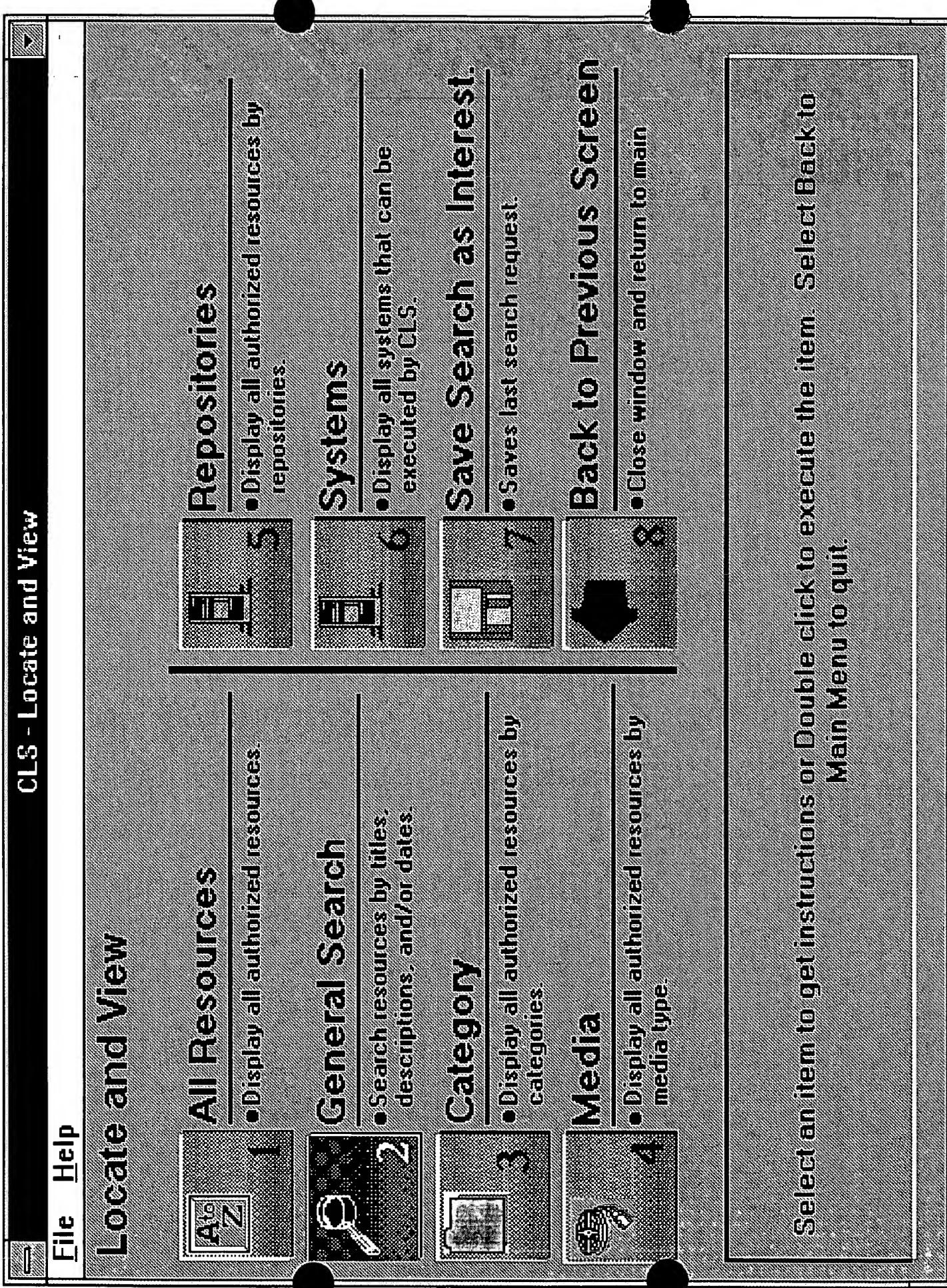


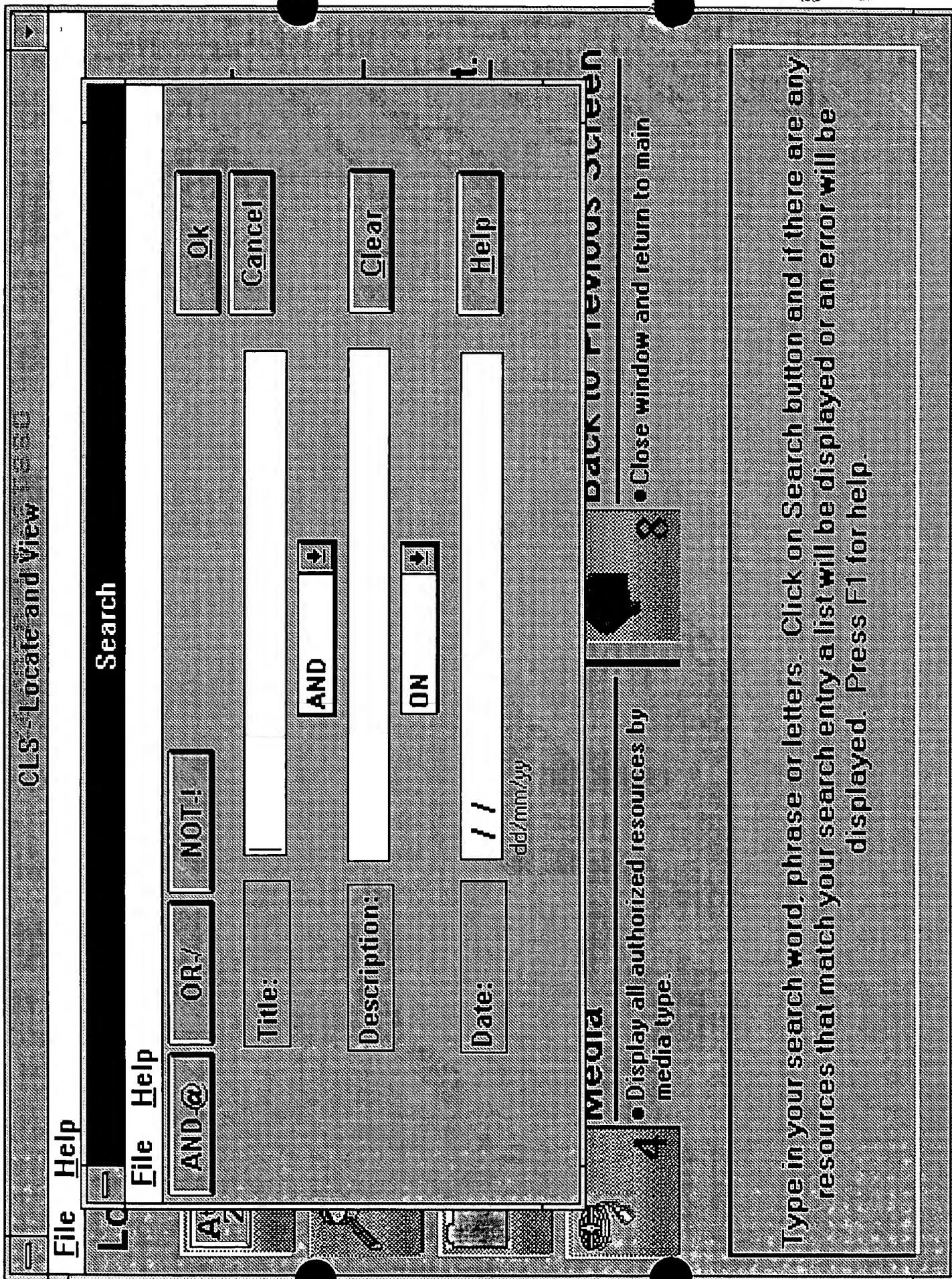
- Close window and return to main  
menu.

Select an item to get instructions or Double click to execute the item. Select Back to  
Main Menu to quit.

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Fig. 7

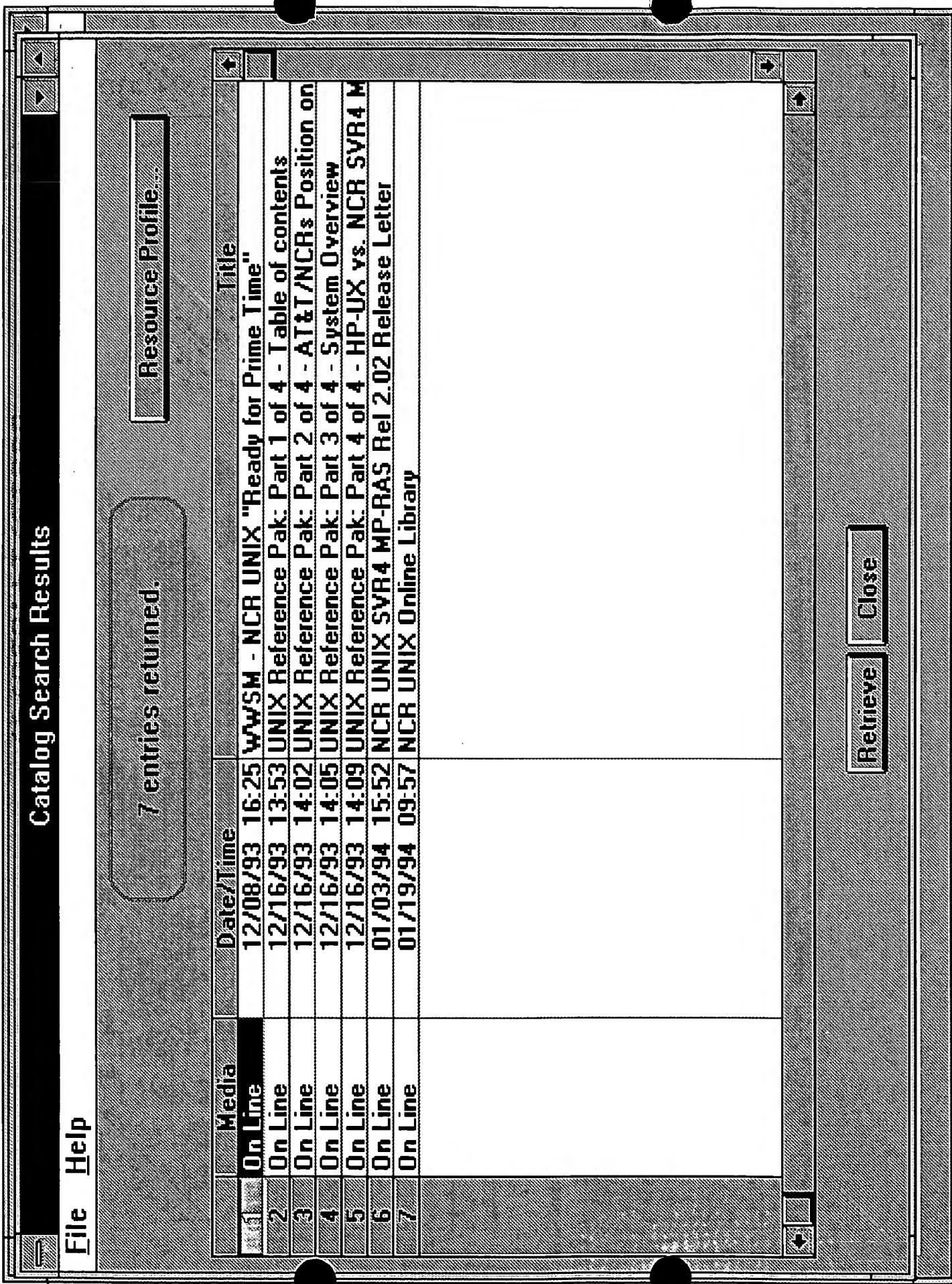


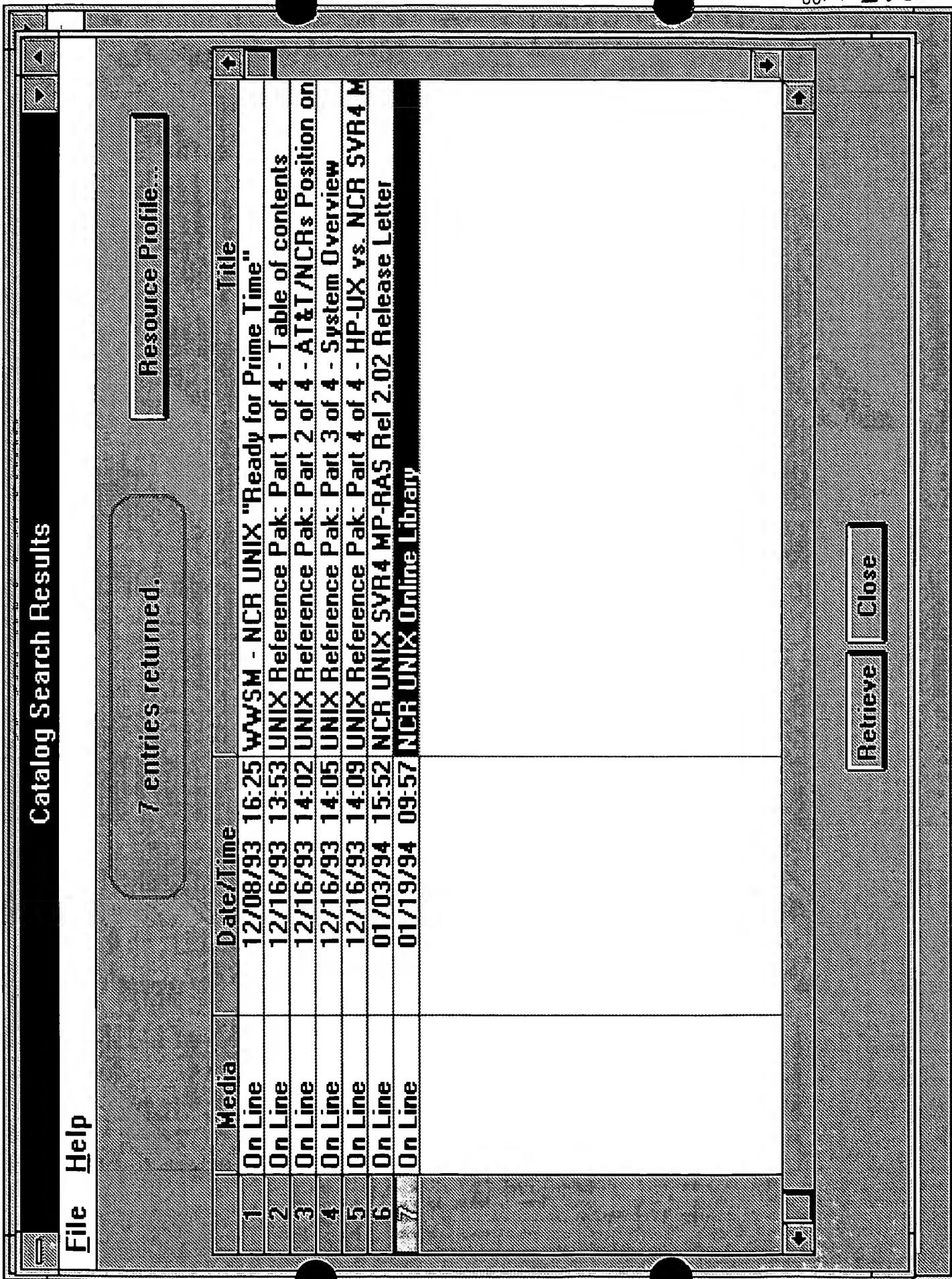


Type in your search word, phrase or letters. Click on Search button and if there are any resources that match your search entry a list will be displayed or an error will be displayed. Press F1 for help.

The screenshot shows the CLS Locate and View software interface. At the top, a menu bar includes File, Help, and a large 'Search' button. Below the menu is a toolbar with icons for 'Locate', 'View', 'Print', 'Help', and 'Exit'. A search dialog box is open, containing fields for 'Title:' (with 'unix' typed), 'Description:' (empty), and 'Date:' (with '/ /' typed). There are buttons for 'OK', 'Cancel', 'Clear', and 'Help'. The main window displays a list of resources, with the first item being 'Title: unix' and 'Date: 02/10/97'. A sidebar on the right lists '4' items: '1. Display all authorized resources by media type.', '2. Display all resources by media type.', '3. Close window and return to main.', and '4. Display all resources by media type.'

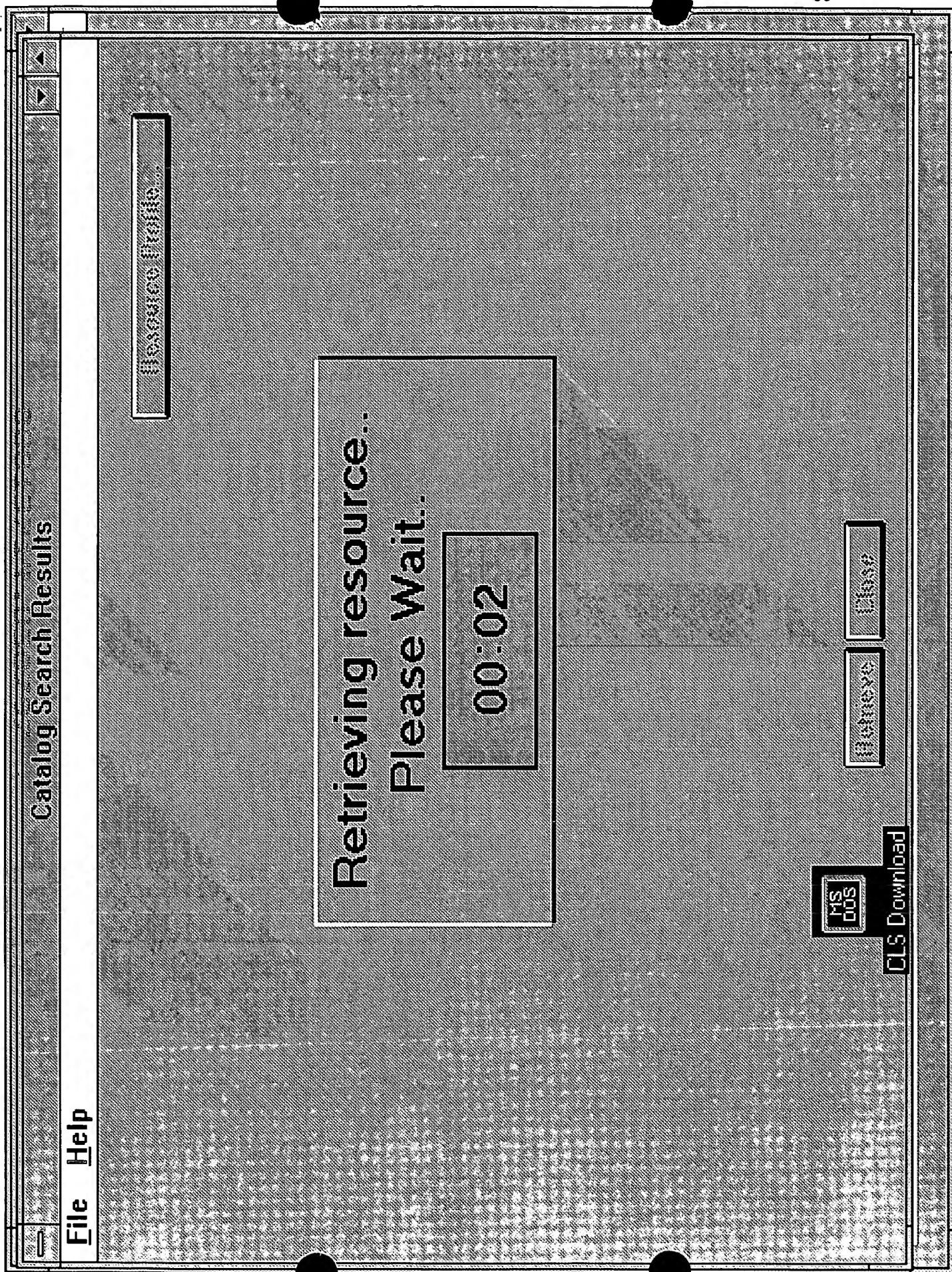
FILE 18/80

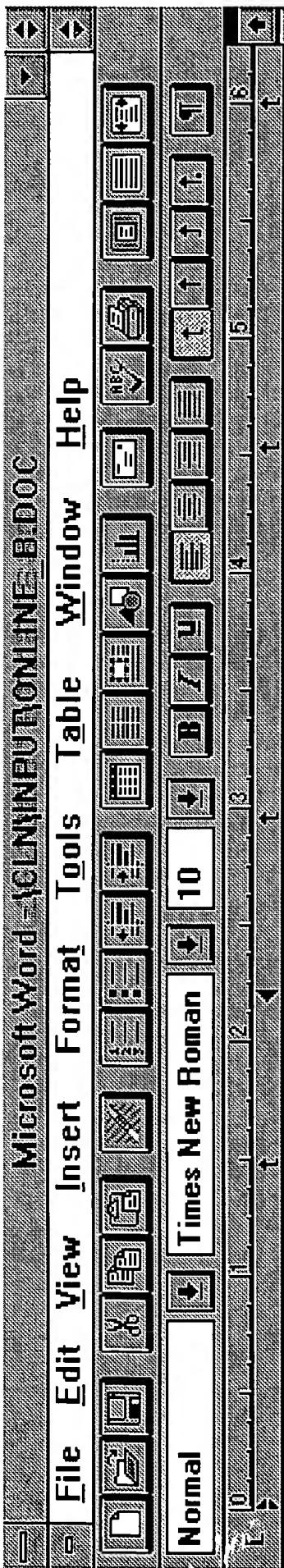




08/217055

Fig. 13





hrc 8/18/80

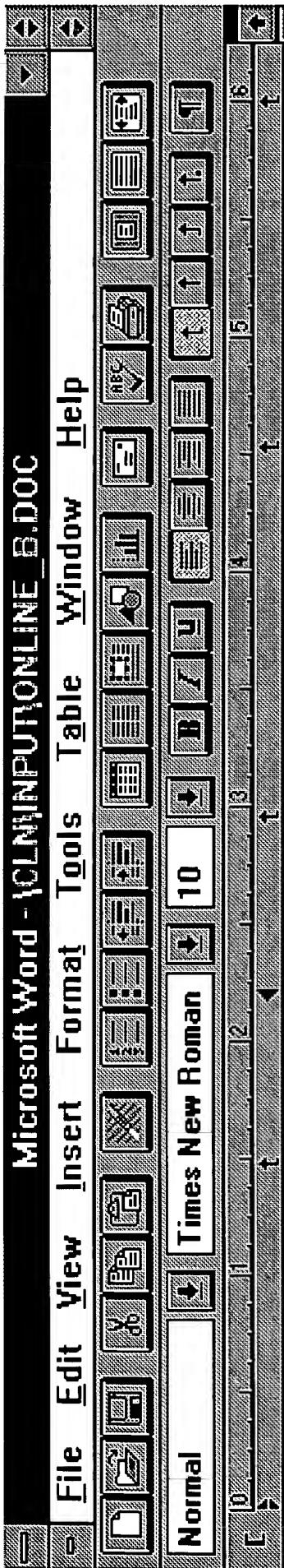


# NCR UNIX SVR4 ONLINE LIBRARY

21705

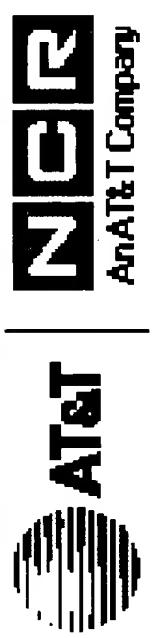


Fig. 14

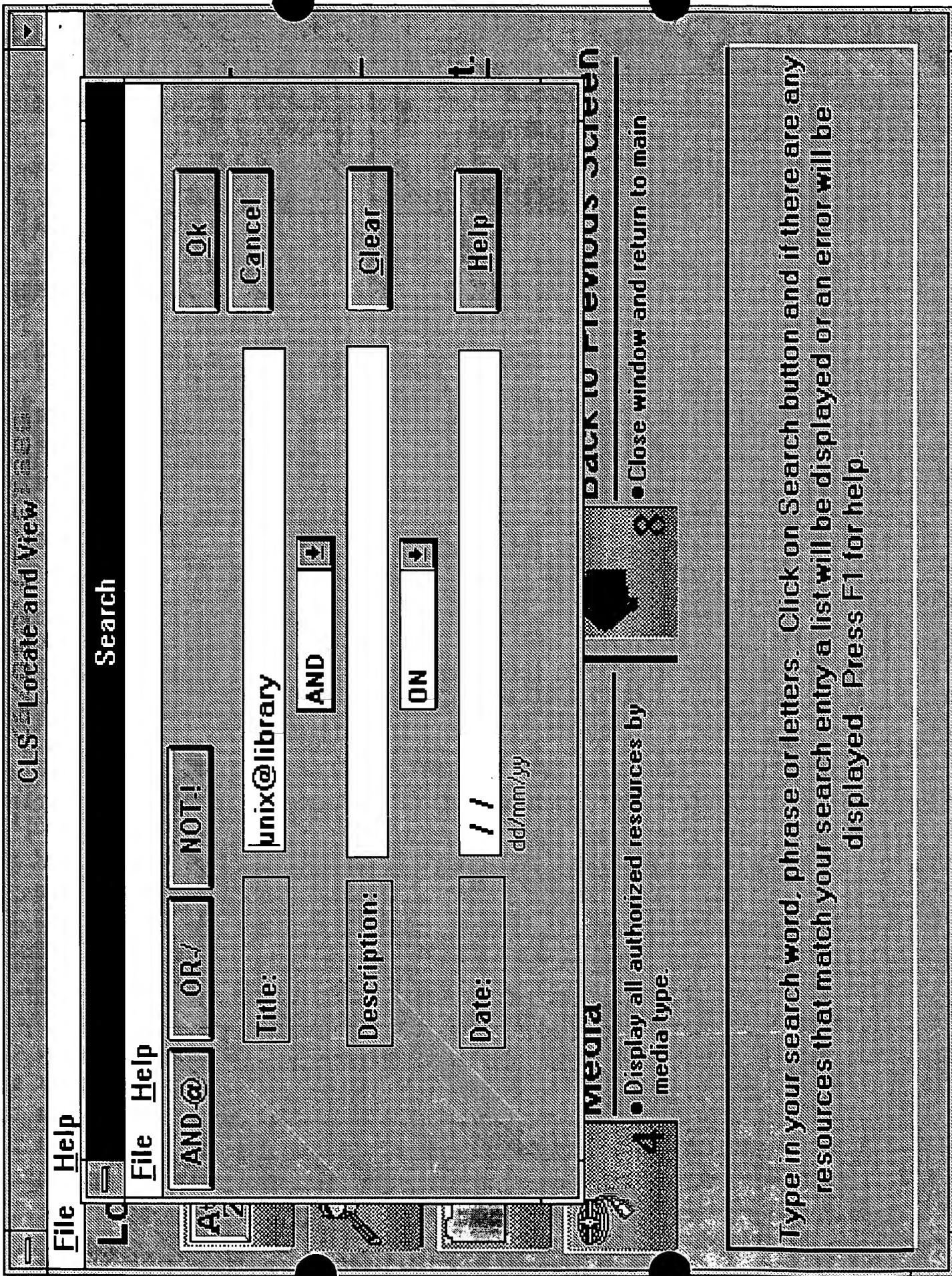


# NCAR UNIX SVR4 ONLINE LIBRARY

# FINAL PRODUCT RELEASE



11/18/80



FILED 18/8/20

08/217065

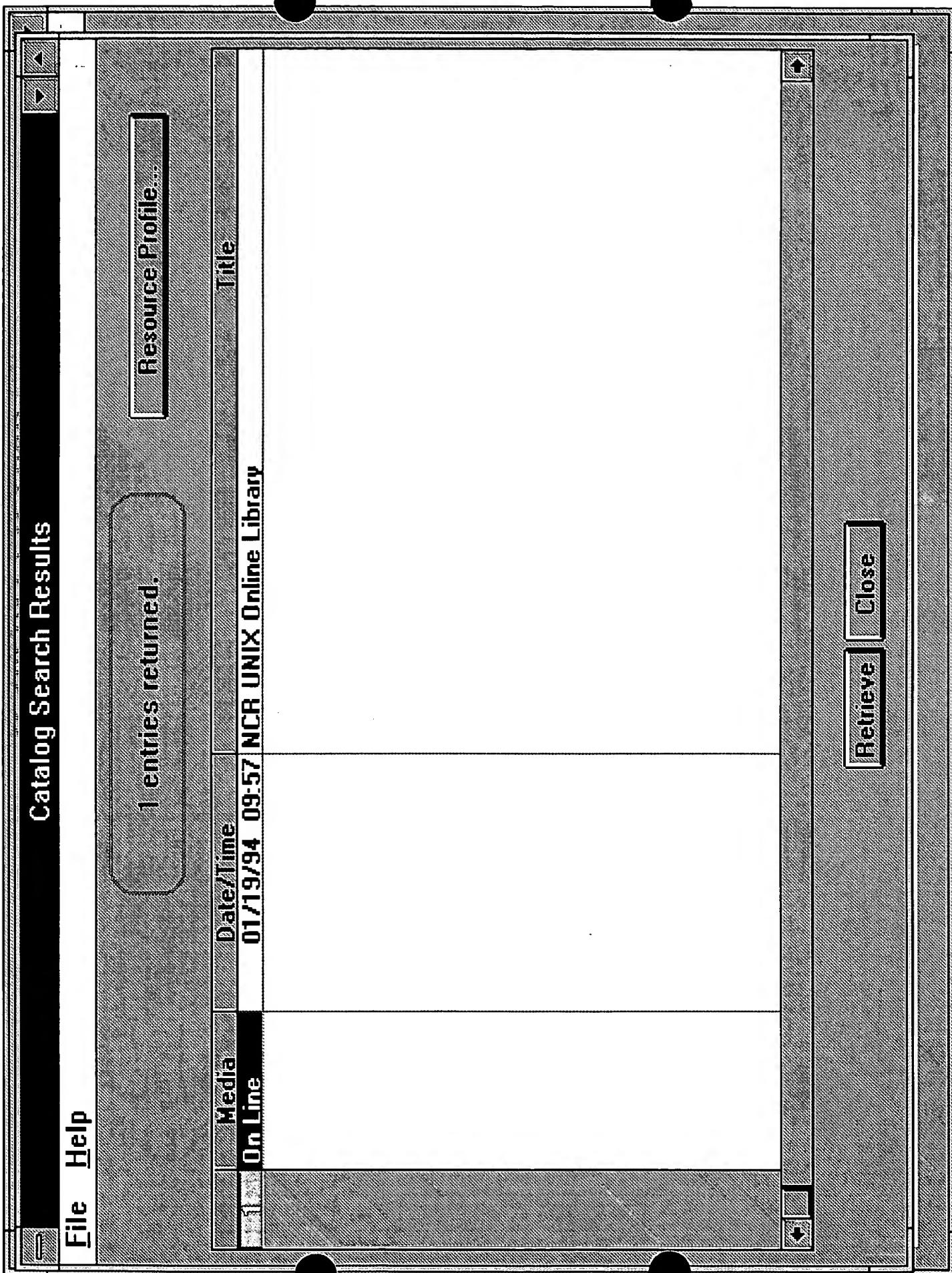
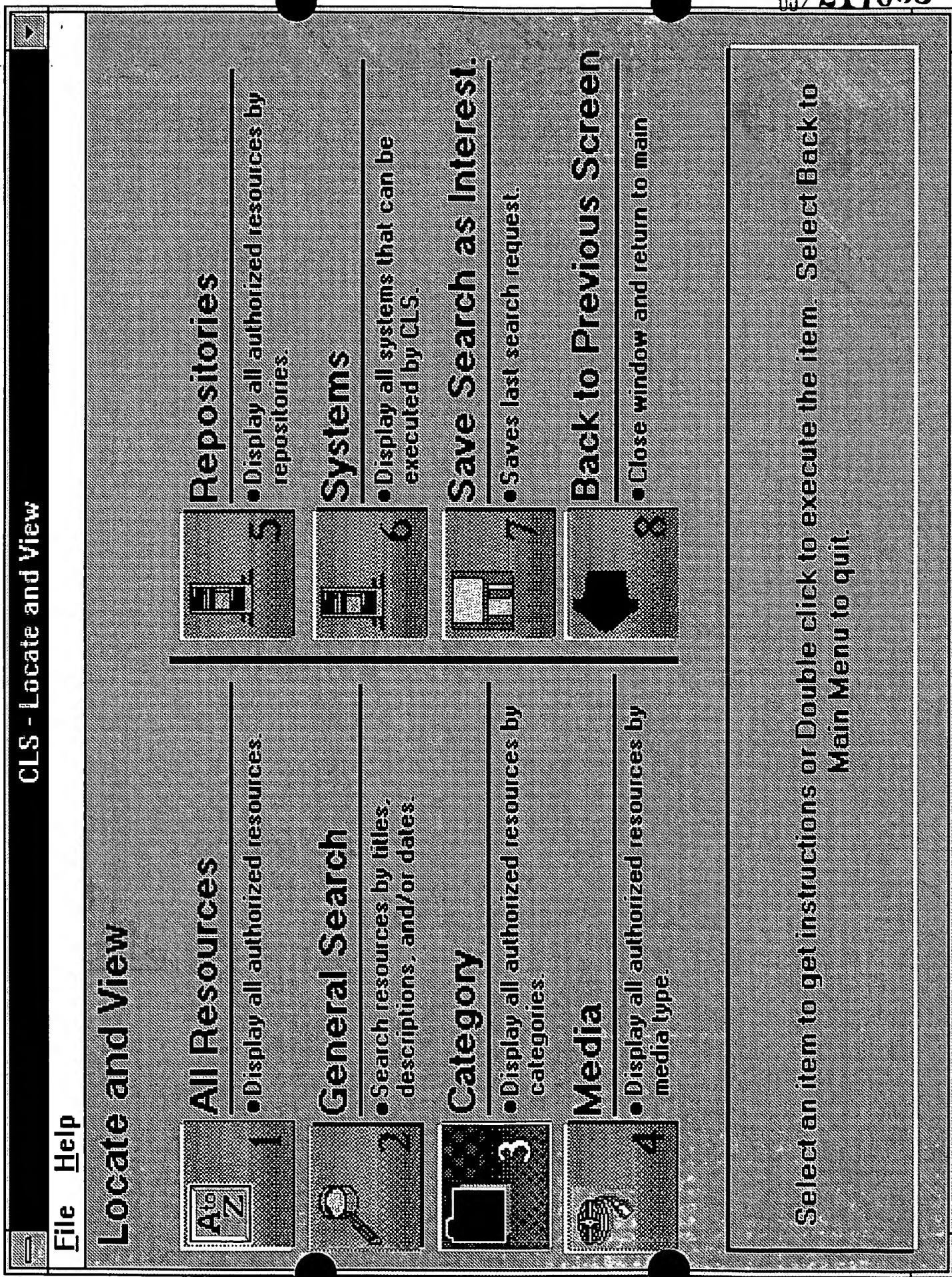
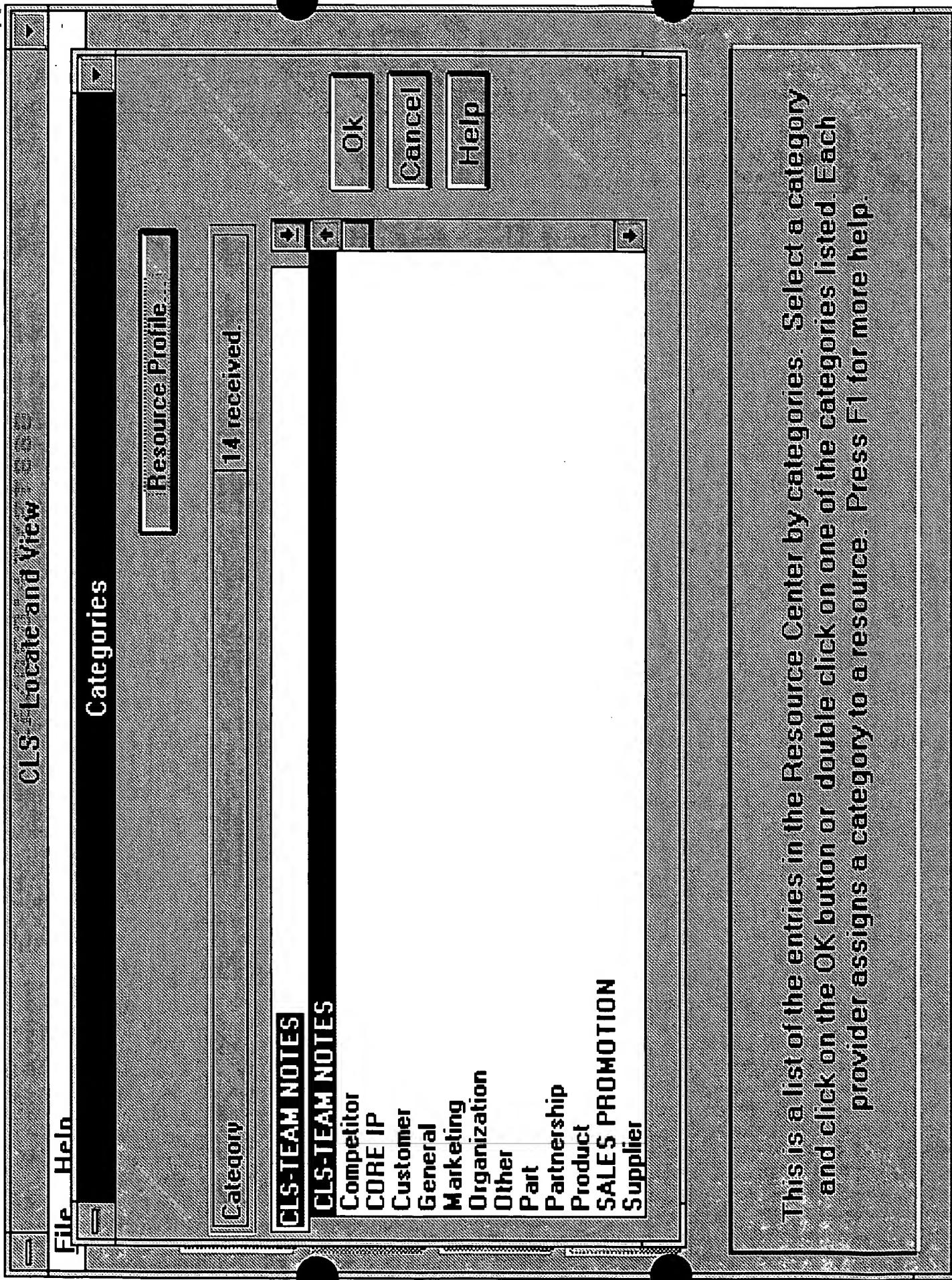
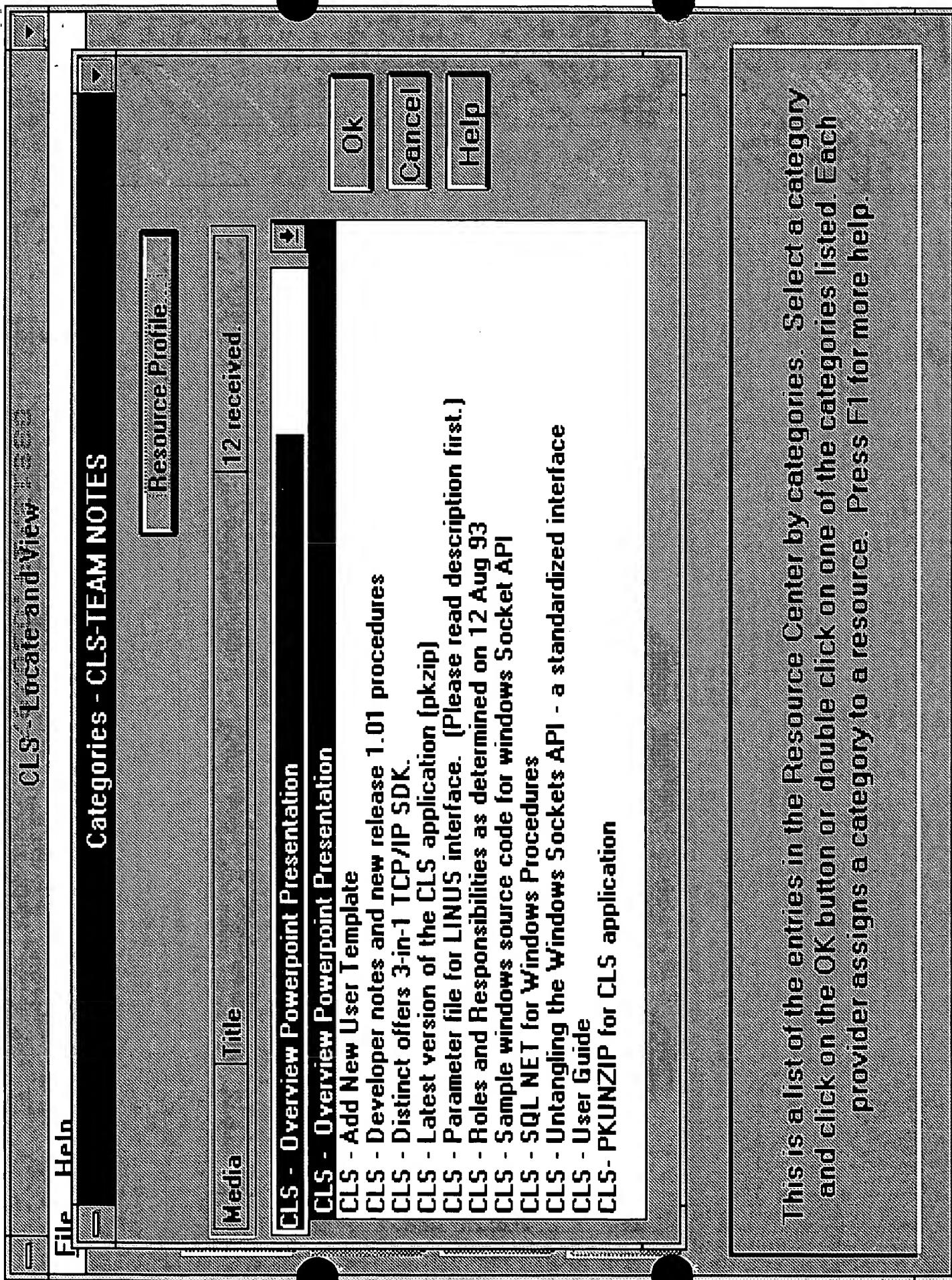


Fig. 17



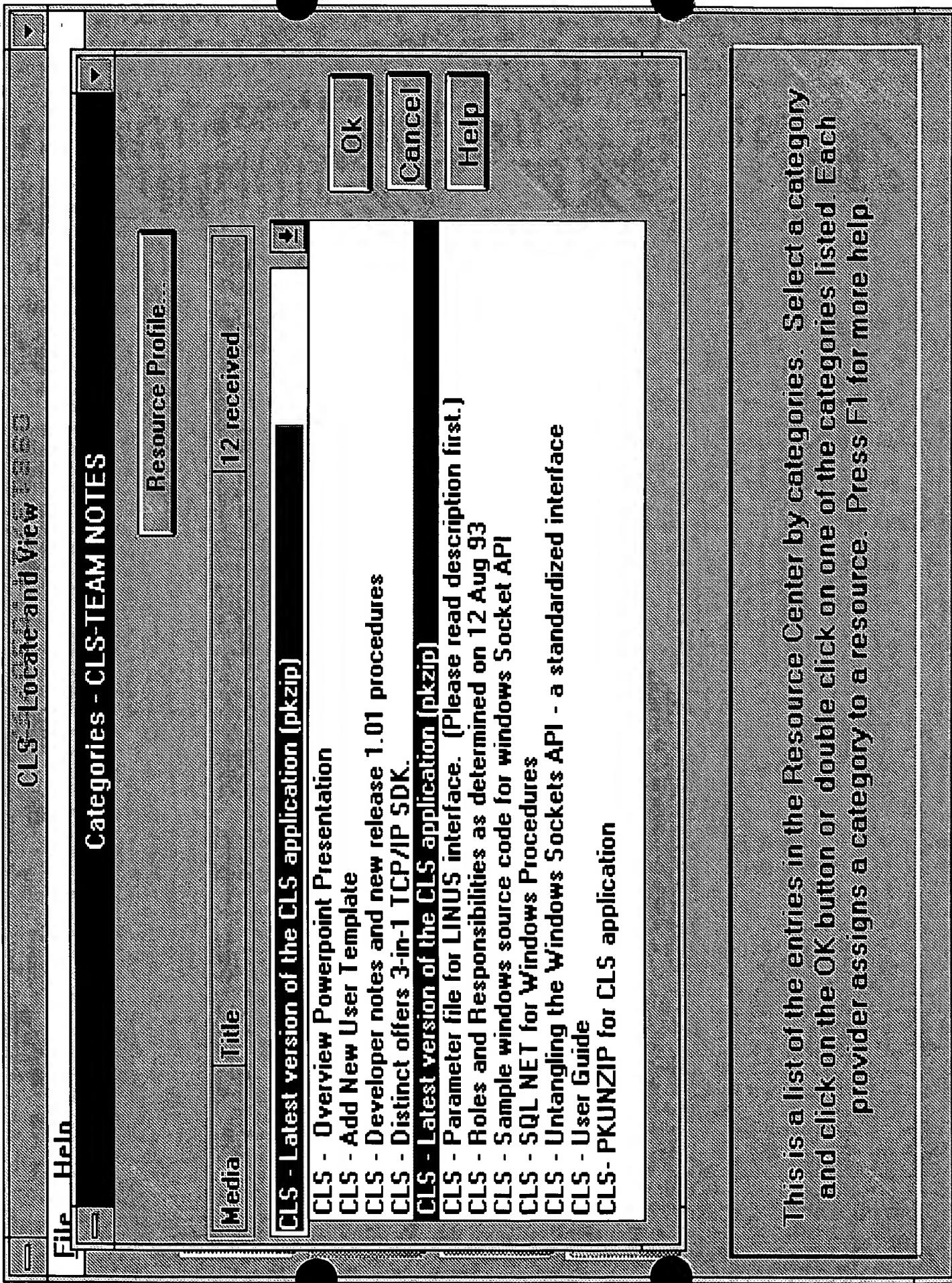


This is a list of the entries in the Resource Center by categories. Select a category and click on the OK button or double click on one of the categories listed. Each provider assigns a category to a resource. Press F1 for more help.

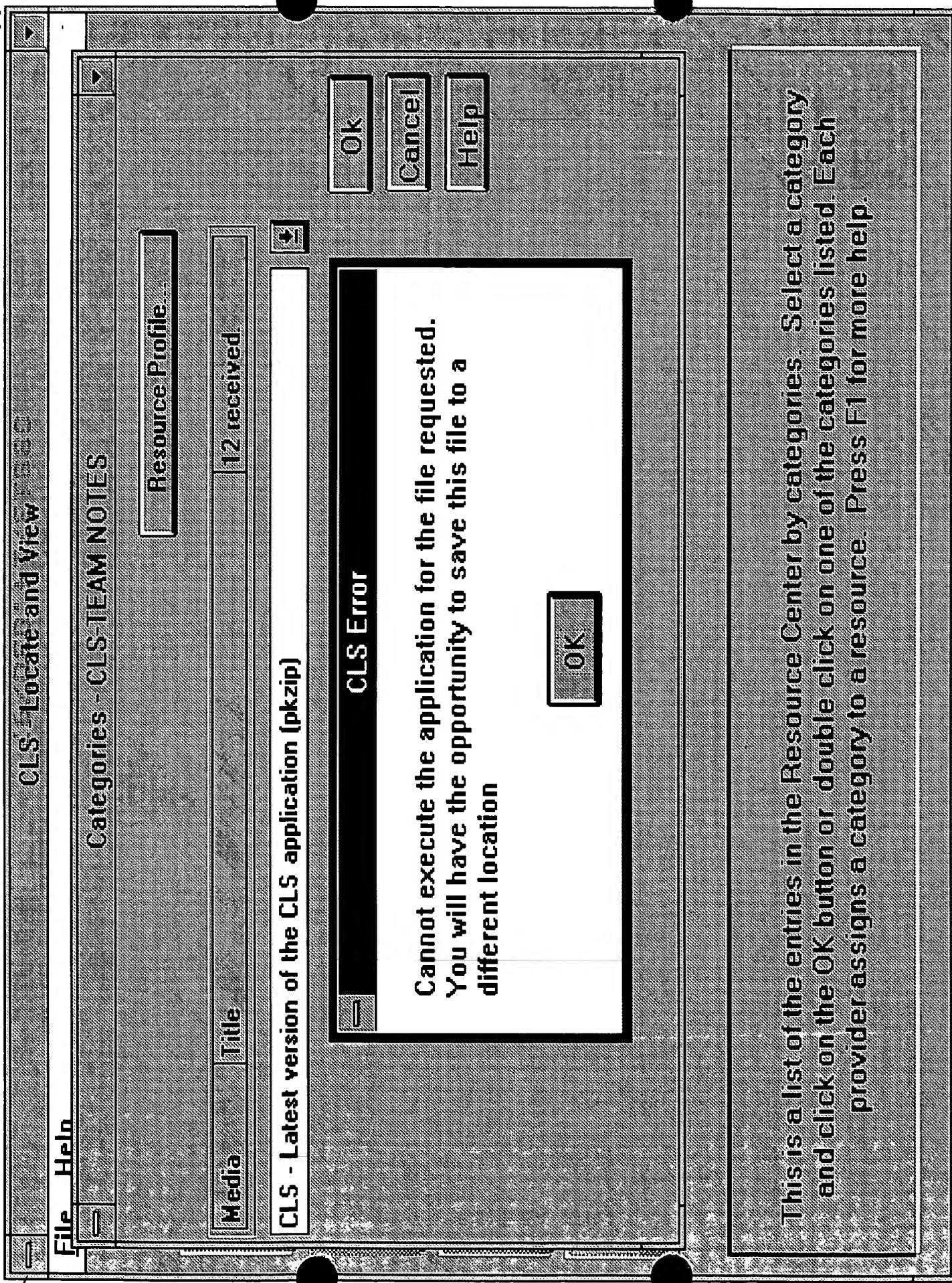


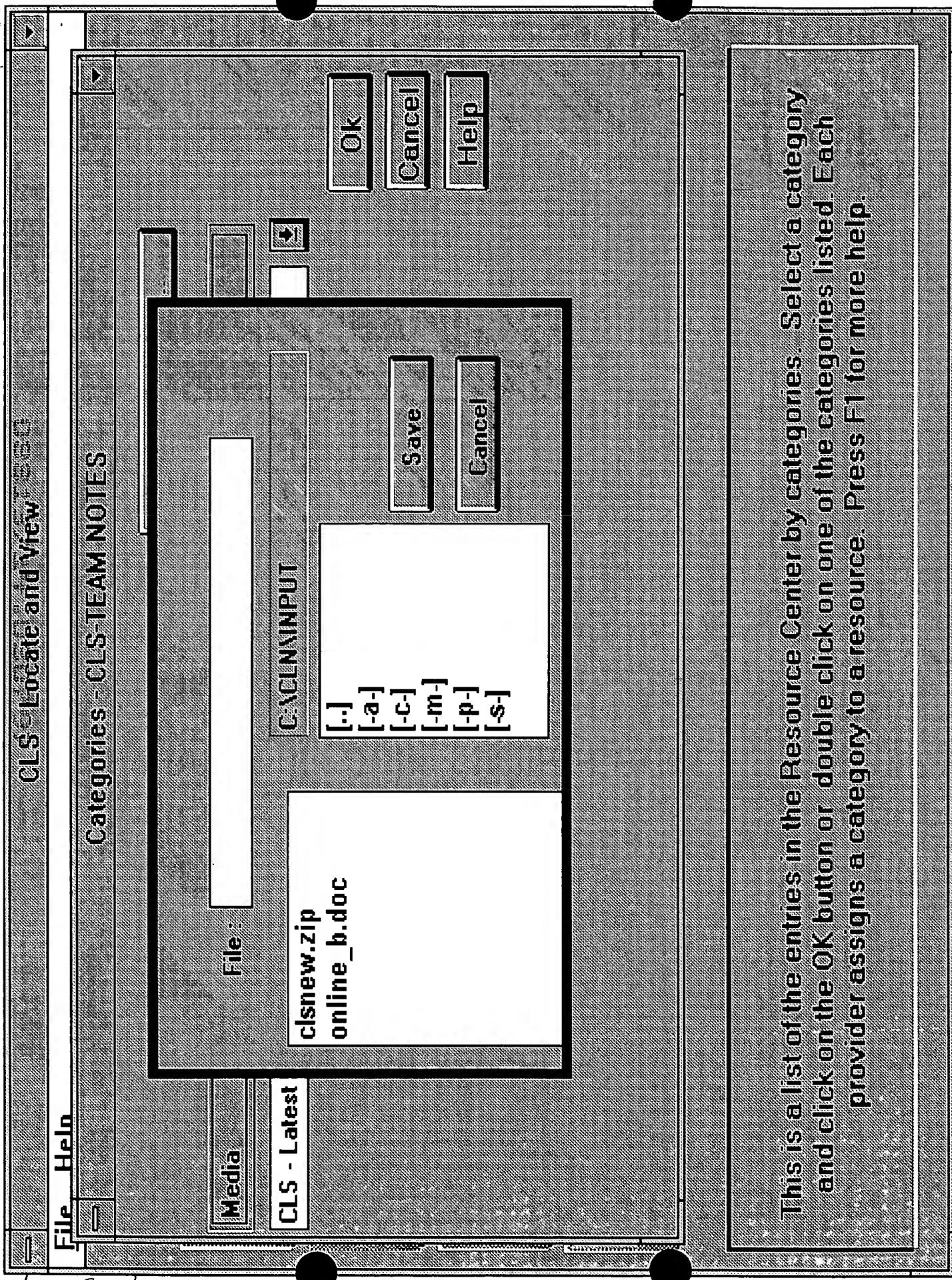
This is a list of the entries in the Resource Center by categories. Select a category and click on the OK button or double click on one of the categories listed. Each provider assigns a category to a resource. Press F1 for more help.

08/21 7055  
Fig. 20



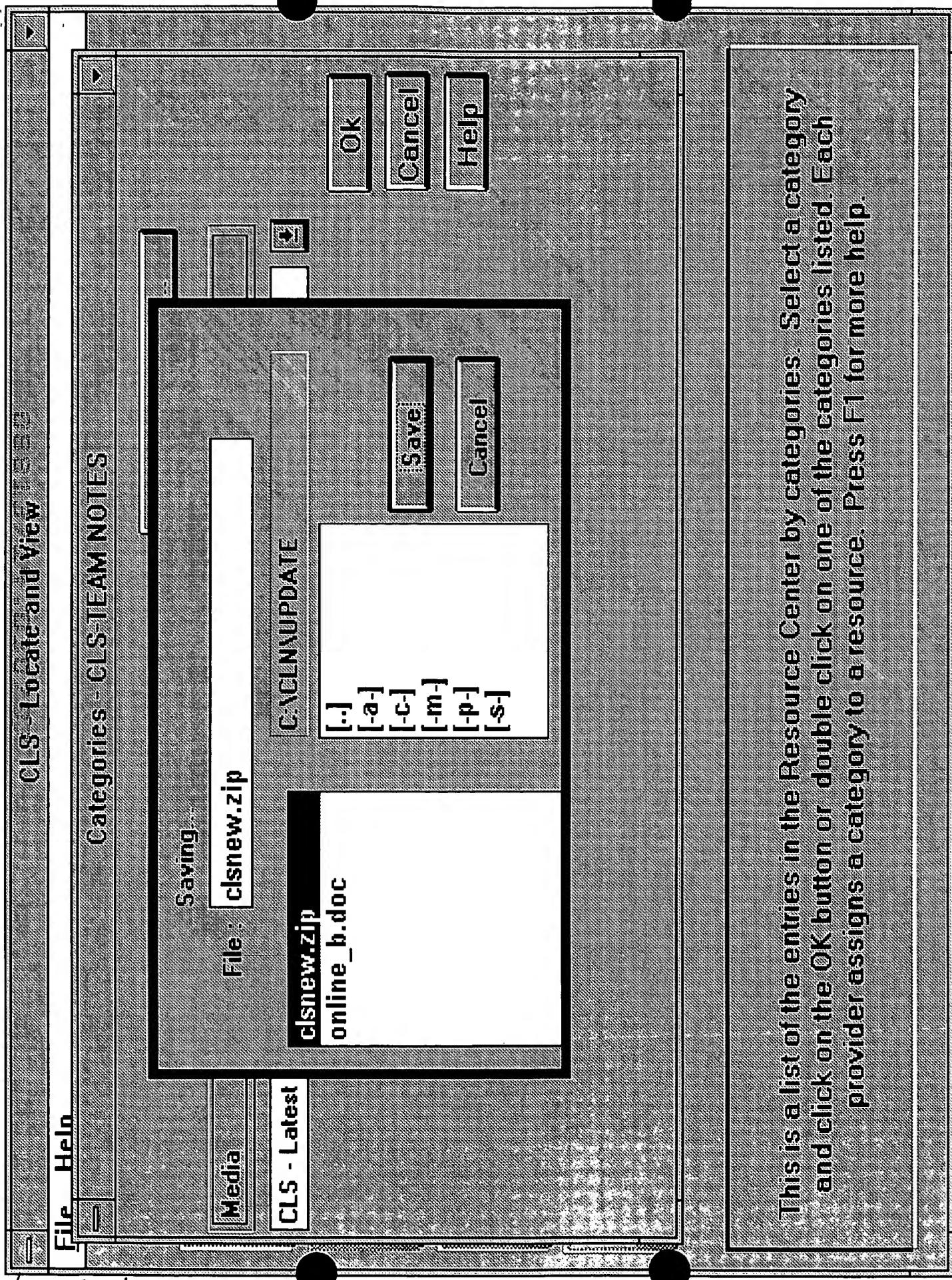
This is a list of the entries in the Resource Center by categories. Select a category and click on the OK button or double click on one of the categories listed. Each provider assigns a category to a resource. Press F1 for more help.





This is a list of the entries in the Resource Center by categories. Select a category and click on the OK button or double click on one of the categories listed. Each provider assigns a category to a resource. Press F1 for more help.

5/1/818/80



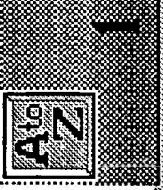
This is a list of the entries in the Resource Center by categories. Select a category and click on the OK button or double click on one of the categories listed. Each provider assigns a category to a resource. Press F1 for more help.

**CLS - Locate and View**

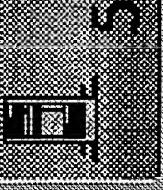
**File Help**

**Locate and View**

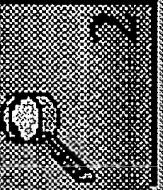
**All Resources**

1  • Display all authorized resources.

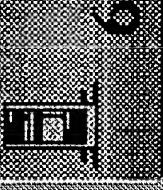
**Repositories**

2  • Display all authorized resources by repositories.

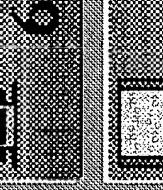
**General Search**

3  • Search resources by titles, descriptions, and/or dates

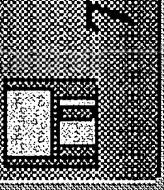
**Category**

4  • Display all authorized resources by categories

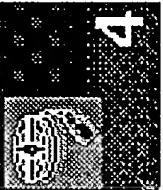
**Systems**

5  • Display all systems that can be executed by CLS.

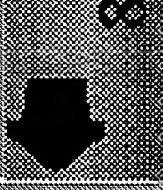
**Save Search as Interest**

6  • Saves last search request

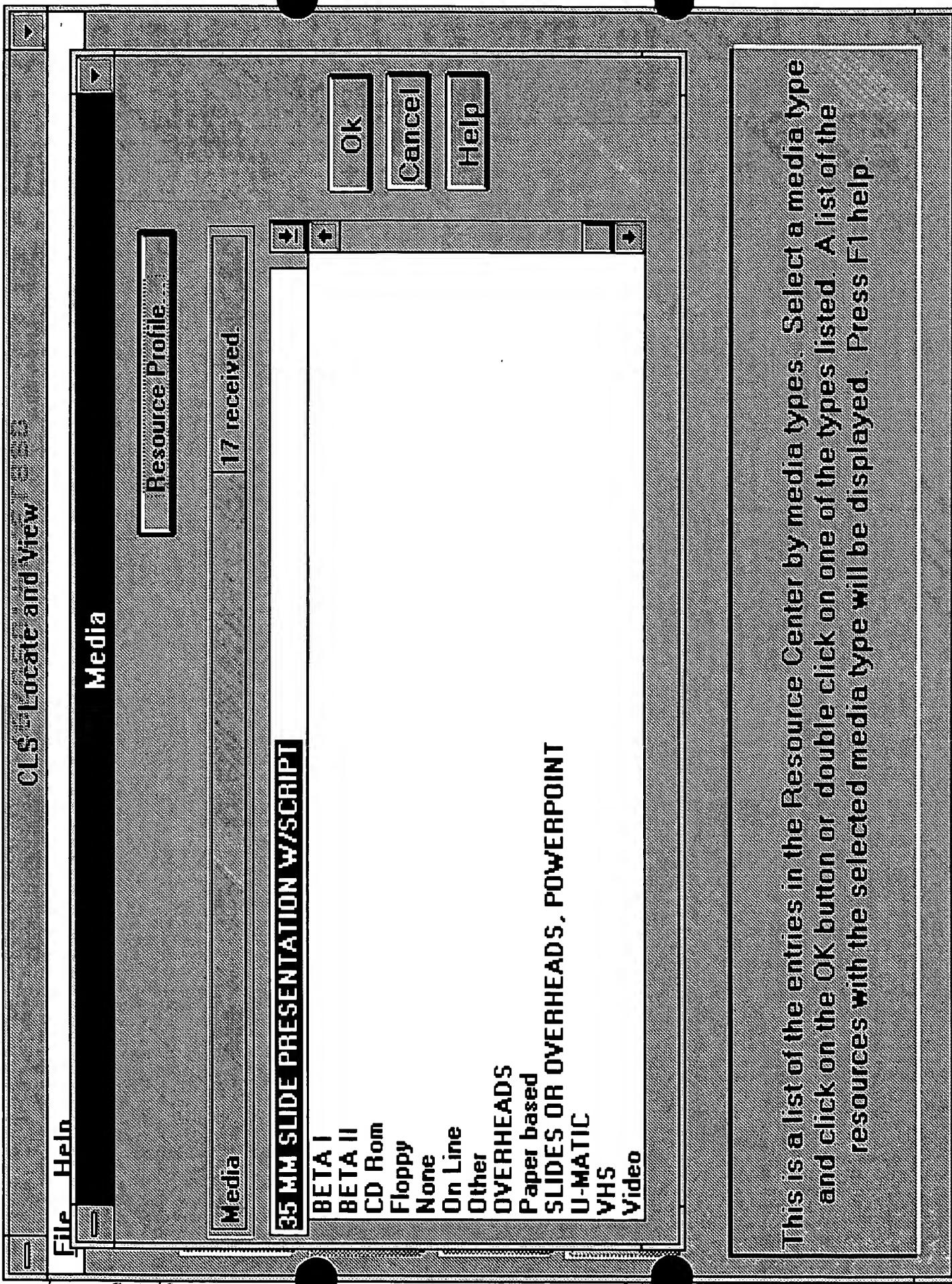
**Media**

7  • Display all authorized resources by media type.

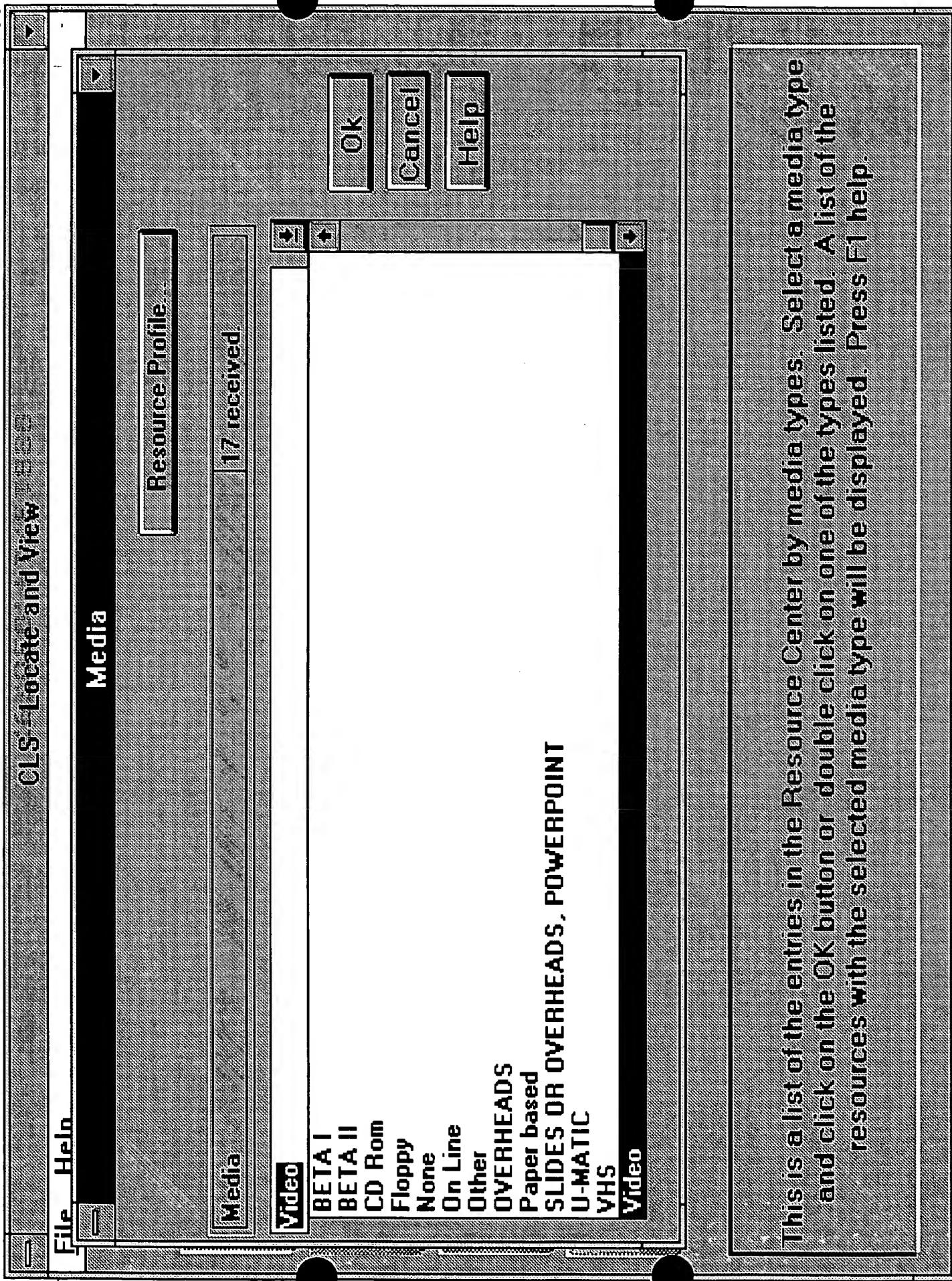
**Back to Previous Screen**

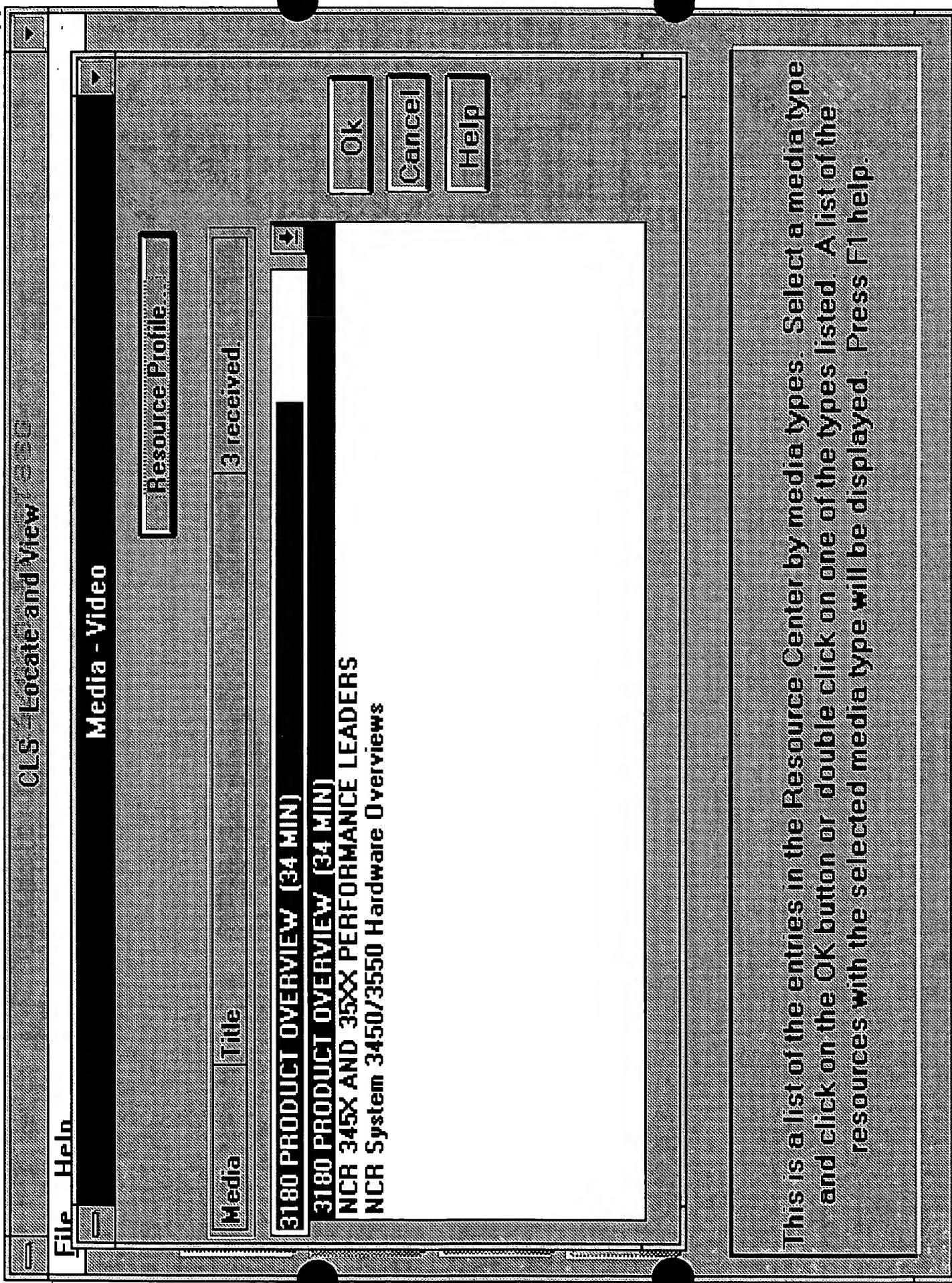
8  • Close window and return to main menu

**Select an item to get instructions or Double click to execute the item. Select Back to Main Menu to quit.**



This is a list of the entries in the Resource Center by media types. Select a media type and click on the OK button or double click on one of the types listed. A list of the resources with the selected media type will be displayed. Press F1 for help.





**File Help**

**Locate and View**

**All Resources**

1 • Display all authorized resources

**Repositories**

2 • Display all authorized resources by repositories.

**General Search**

3 • Search resources by files, descriptions, and/or dates

**Category**

4 • Display all authorized resources by categories.

**Systems**

5 • Display all systems that can be executed by CLS.

**Save Search as Interest**

6 • Saves last search request.

**Media**

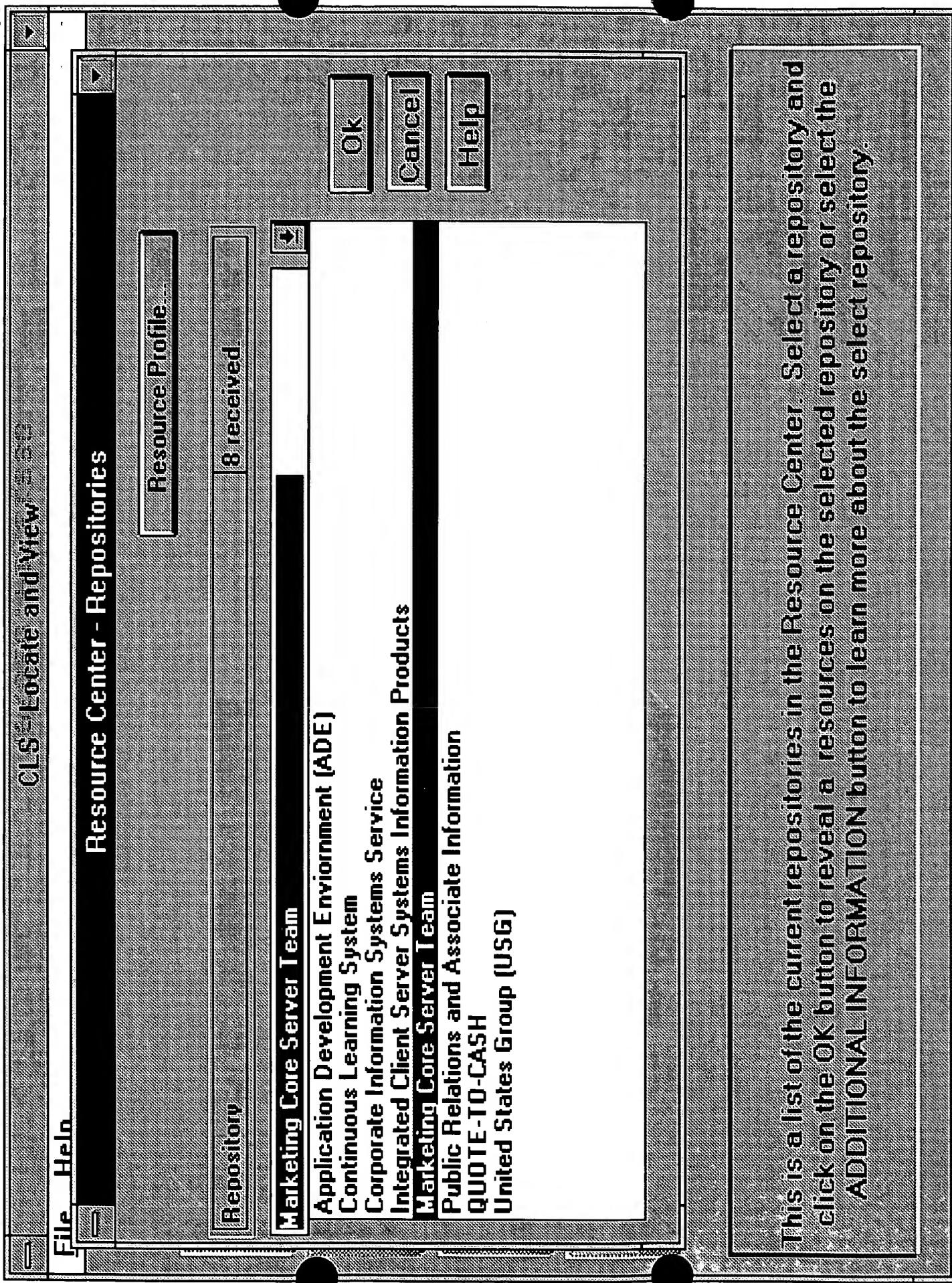
7 • Display all authorized resources by media type.

**Back to Previous Screen**

8 • Close window and return to main menu.

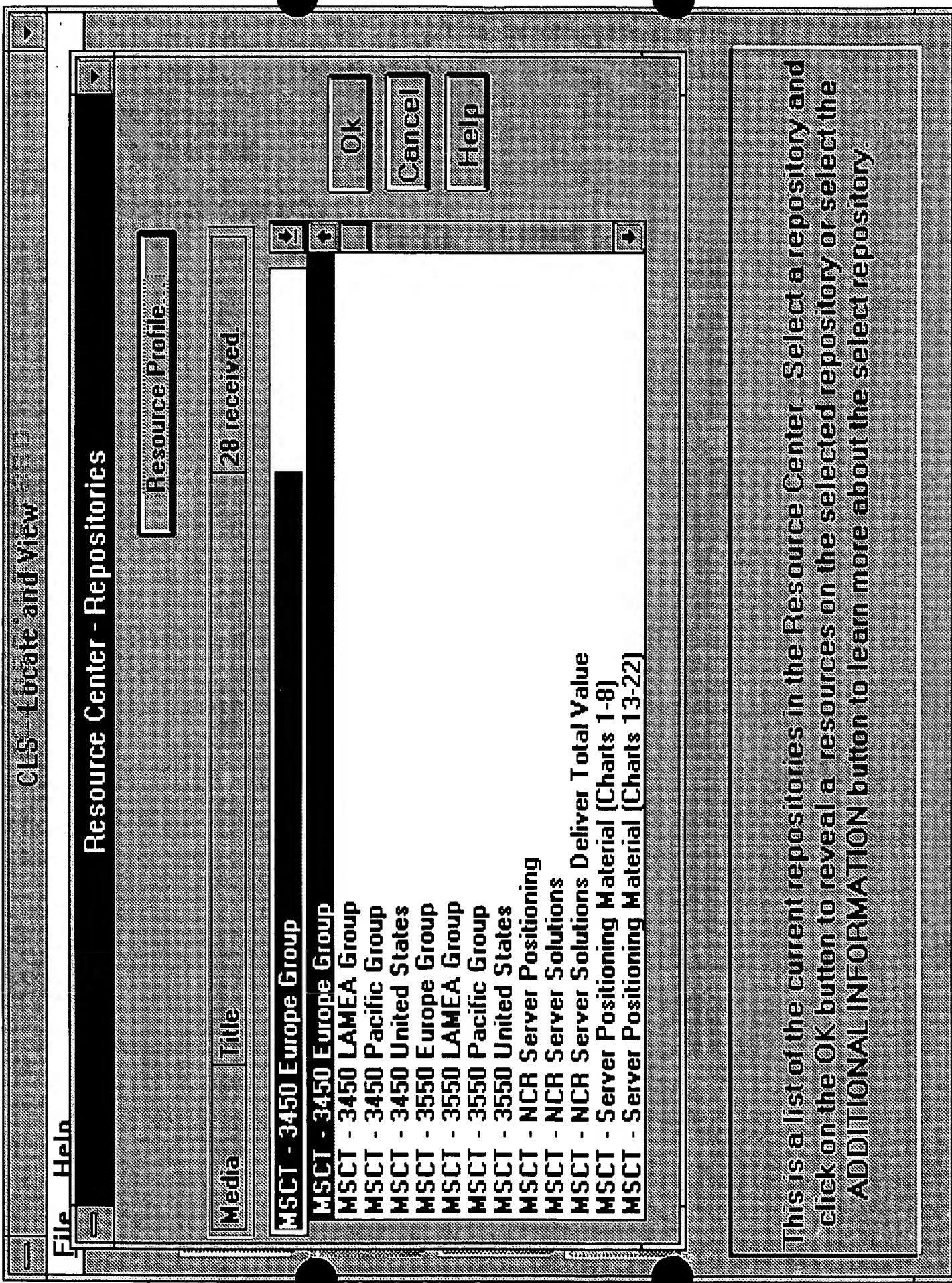
Select an item to get instructions or Double click to execute the item. Select Back to Main Menu to quit.

M1C818/80



This is a list of the current repositories in the Resource Center. Select a repository and click on the OK button to reveal a resources on the selected repository or select the ADDITIONAL INFORMATION button to learn more about the selected repository.

7/12 8/28/89

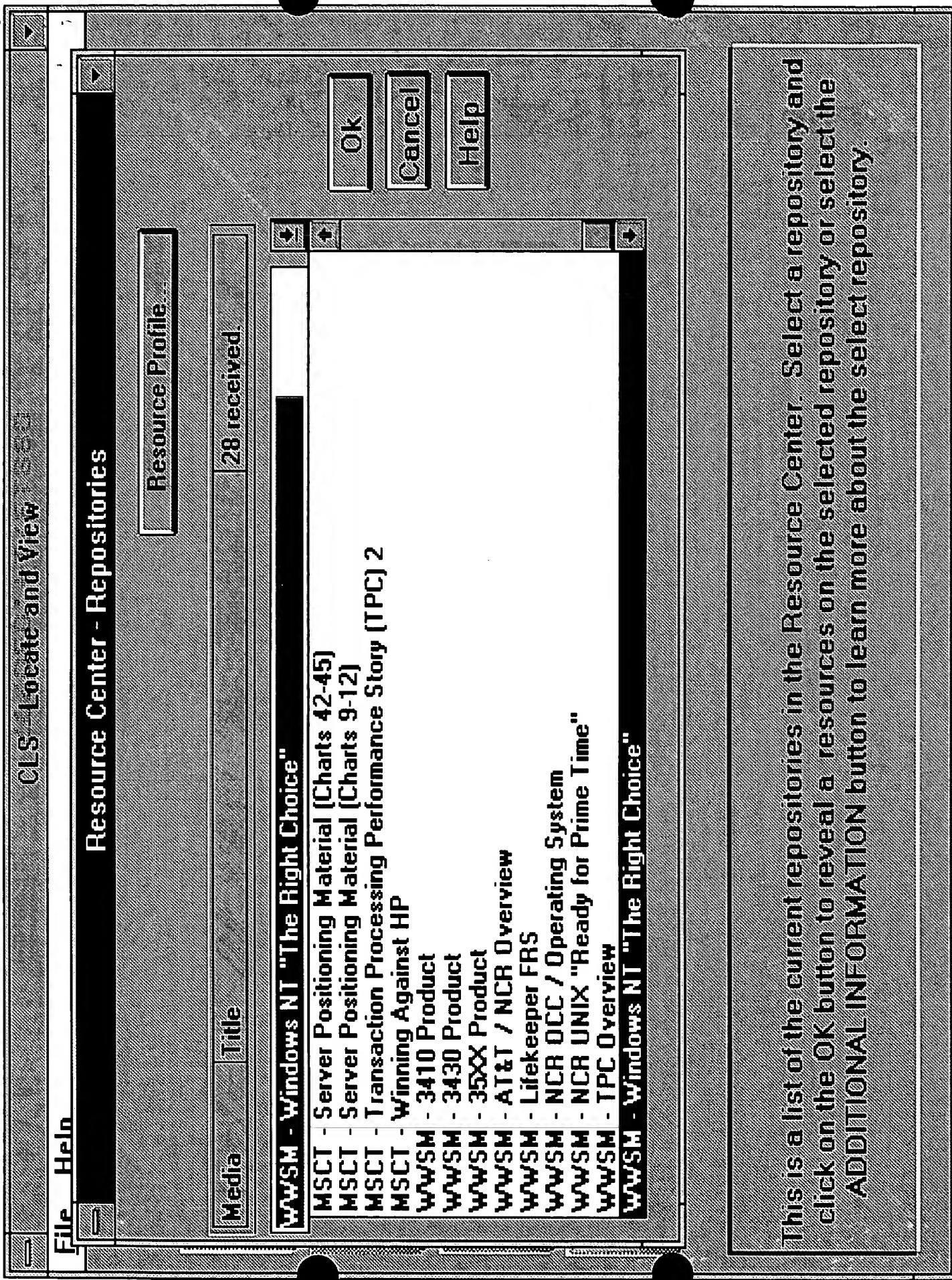


This is a list of the current repositories in the Resource Center. Select a repository and click on the OK button to reveal a resources on the selected repository or select the ADDITIONAL INFORMATION button to learn more about the selected repository.

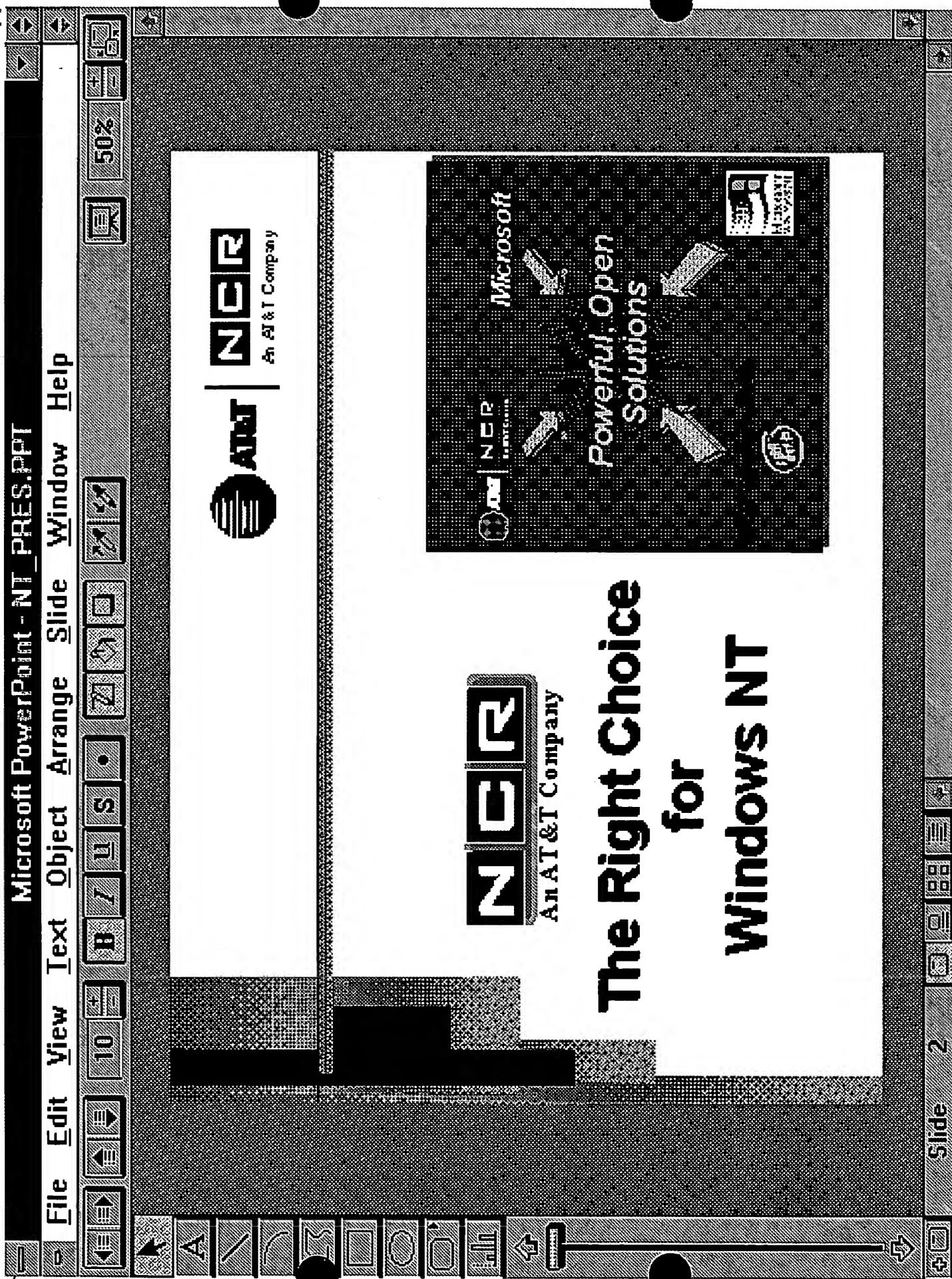
117055

Fig. 31

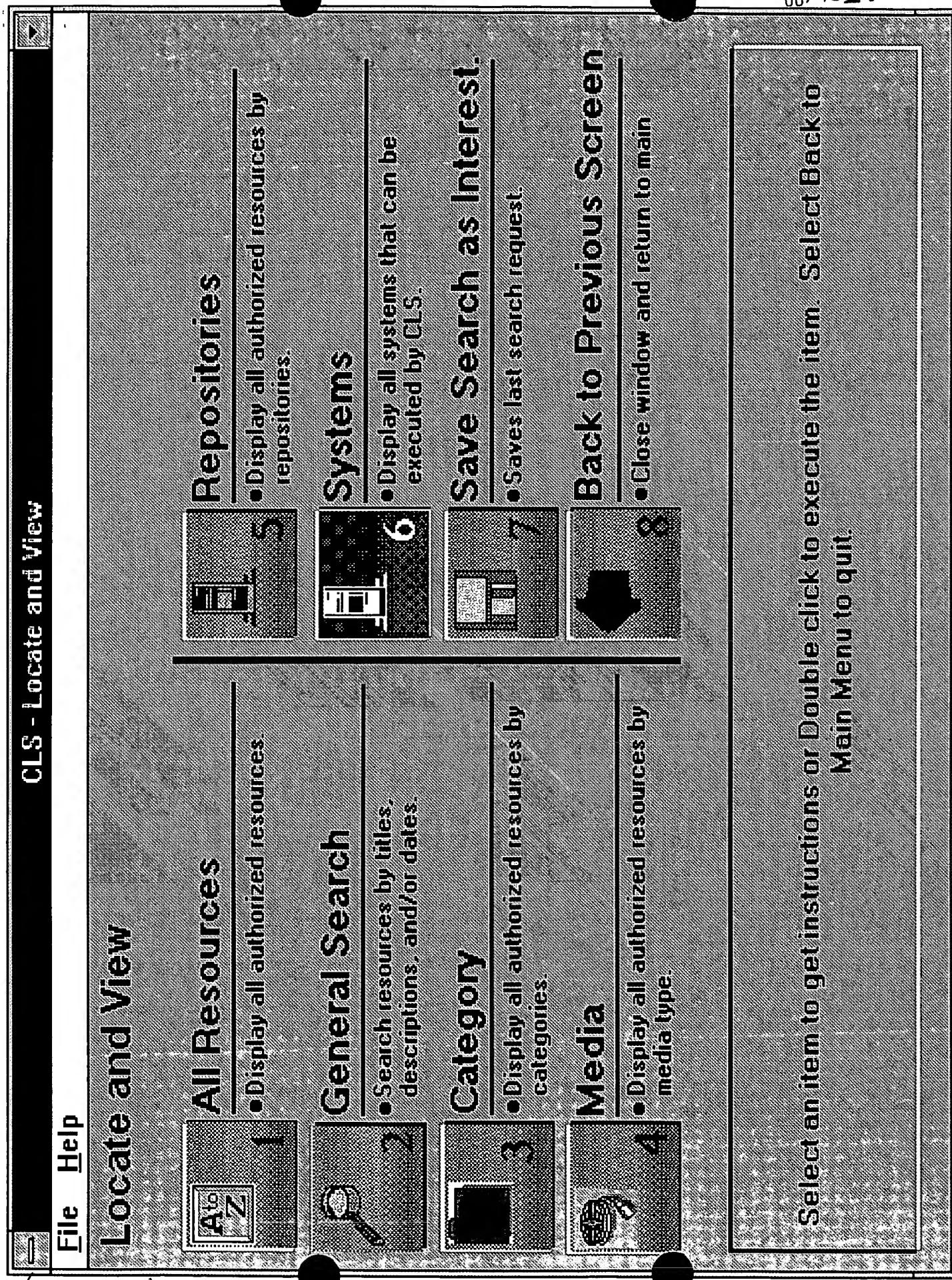
11/28/80

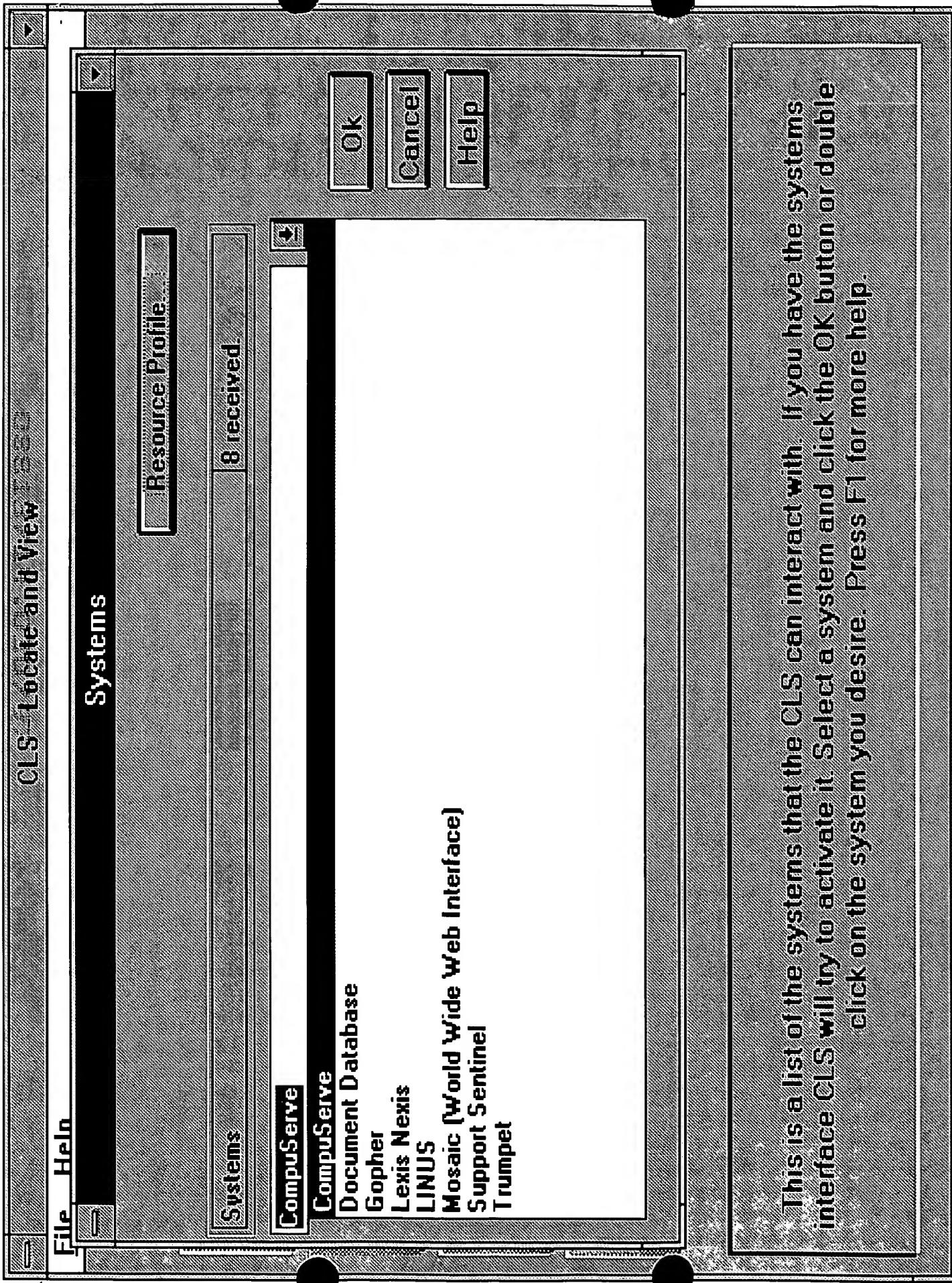


This is a list of the current repositories in the Resource Center. Select a repository and click on the OK button to reveal a resources on the selected repository or select the ADDITIONAL INFORMATION button to learn more about the selected repository.

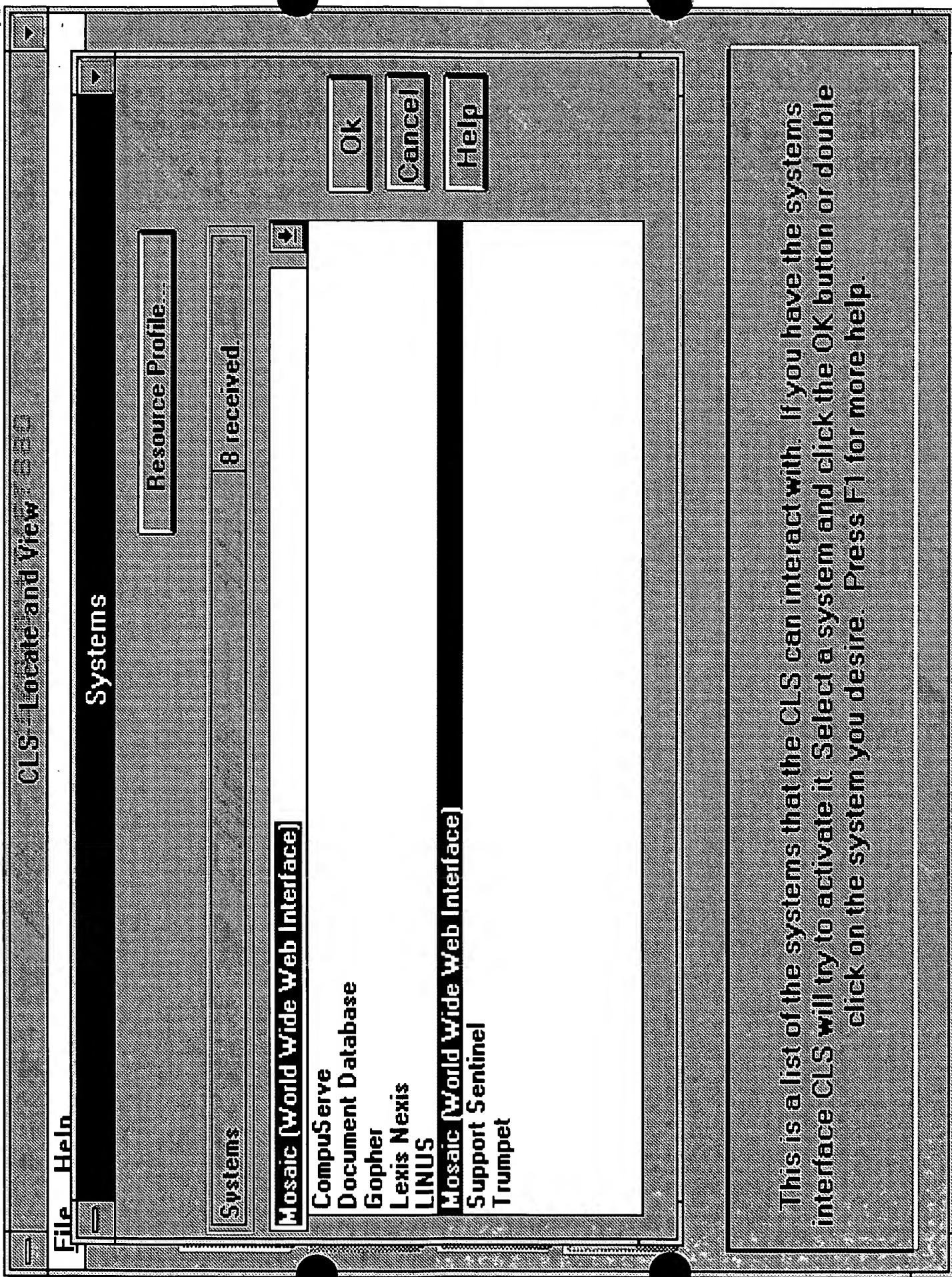


h12 E18/80





This is a list of the systems that the CLIS can interact with. If you have the systems interface CLIS will try to activate it. Select a system and click the OK button or double click on the system you desire. Press F1 for more help.



This is a list of the systems that the CLS can interact with. If you have the systems interface CLS will try to activate it. Select a system and click the OK button or double click on the system you desire. Press F1 for more help.

112818/80

NCSA Mosaic for MS Windows

File Edit Options Navigate Annotate Starting Points Personal Help

Document Title:

Document URL:  <http://ncrinfo.ncr.com>

**NCR Information Server**

**NCR**  
An AT&T Company

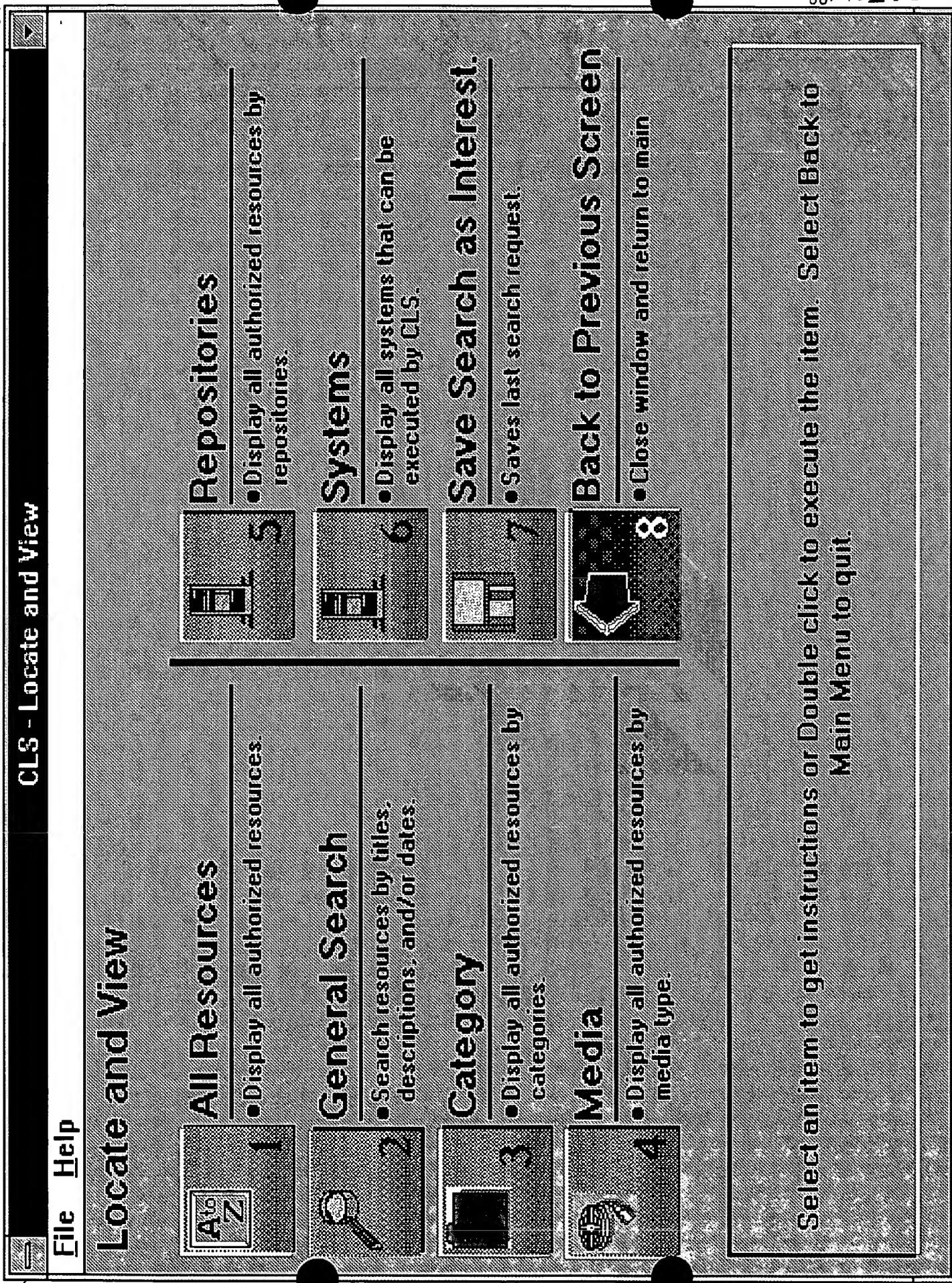
This is the WorldwideWeb view of the server ncrinfo.ncr.com

- NCRI Topics
- High Performance Computing and Communications (US Gov't)
- Other Public Gophers on Computing Topics
- All Worldwide Public Gophers

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[Search All Menus on ncrinfo](#)  
[About ncrinfo](#)

11/18/80



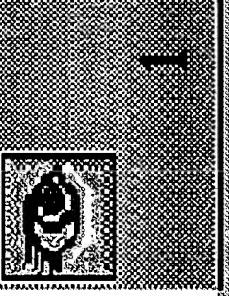
1217E18/80

NCR Continuous Learning System

Continuous Learning System

Locate and View

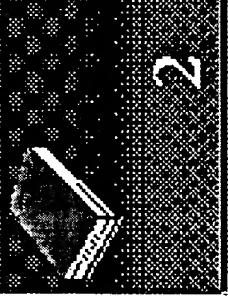
- Display resource names.
- Search resource names (including categories).
- Save search as interest
- Choose and receive information resource

 1

Provide or Distribute

Add, edit or delete entries to the Resource Center

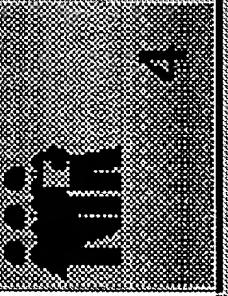
- Identify and save interests for notification.
- Review existing saved interests

 2

Identify Interests

Personal Information

- Review your personal profile.
- Change password

 3

9 notification(s)

 4

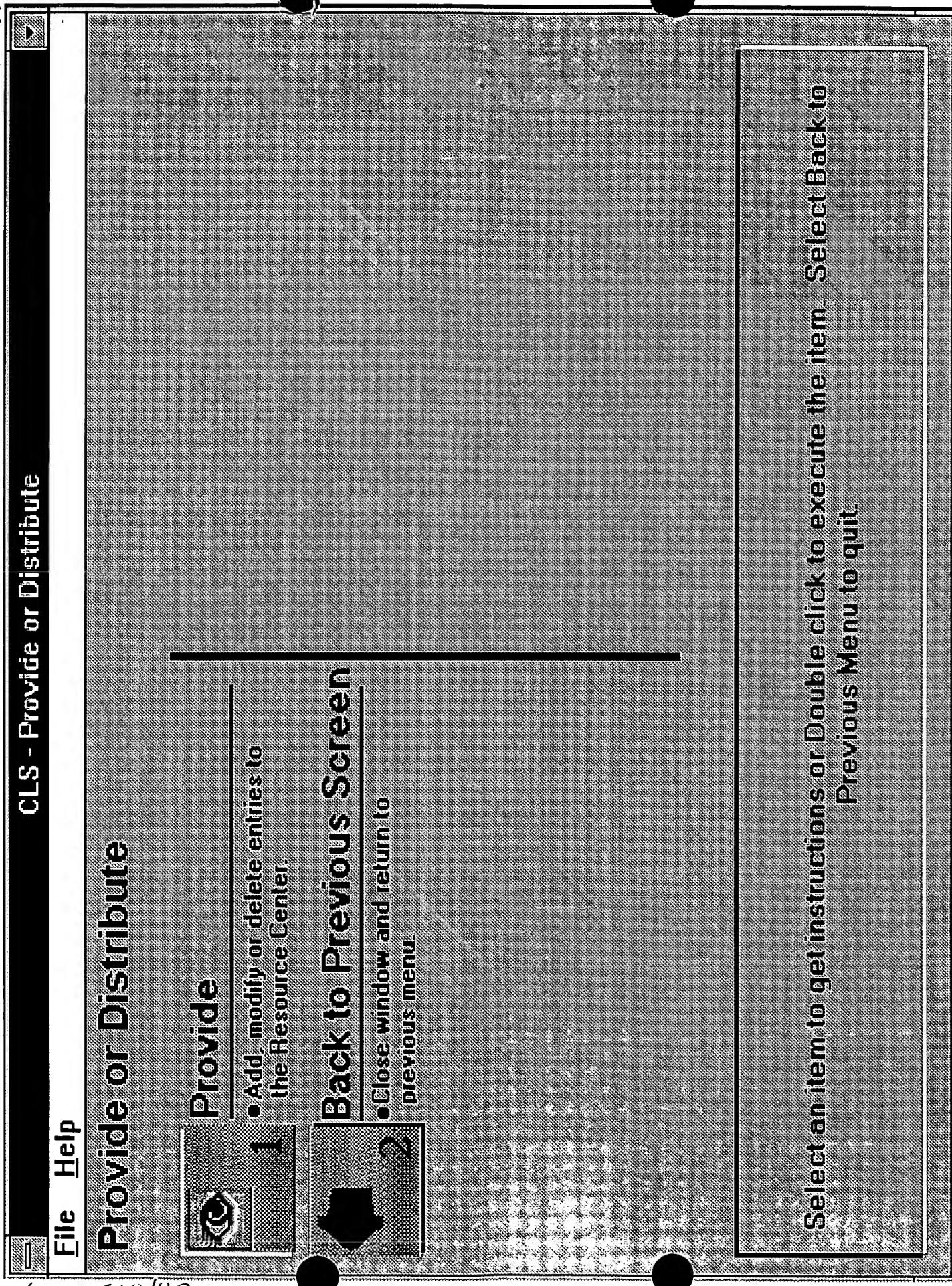
Click on flashing button or depress F8 to view notifications.

**File Options Help**

**16:55:45**

**File Access**

**h12818/80**



Resource Administration

File Help

Access Level:  Public  Organization  Team

Resource Title:

Date Added:  / /

Product ID:

Cost:

Price:

Information Category:

Information Filename:

Repository:

Resource Description:

Remarks:

**Buttons:**

- 
- 
- 
- 
- 
- 

11/6/88/80

Resource Administration

**File Help**

**Access Level:**  Public  IPPD only  Team

**Resource Title:**

**Date Added:**  / /

**Product ID:**

**Cost:**

**Price:**

**Information Category:**

**Information Filename:**

**Repository:**

**Resource Description:**

**Remarks:**

**Media:**

**Format:**

**Point of Contact:**

**Alternate Administrator:**

**Bitmap:**

**Customer**  **Marketing**  **Product**  **Supplier**  **Technology**  **Other**  **Partnership**

**OK** **Cancel** **Exit** **Next** **Previous** **Clear All** **Help**

Please enter new data at this time and click on OK.

h12818/82

Resource Administration

**File Help**

**Access Level**

Public    IPD only    Team

**Resource Title:**

**Date Added:**  /  /  **Product ID:**

**Cost:**  **Price:**

**Information Category:**  **Product Supplier Technology:**   
 Other    Partnership    CORE IP    CLS-TEAM NOTES

**Information Filename:**

**Repository:**

**Resource Description:**

**Remarks:**

**Media**

**OK** **Cancel**

Please enter new data at this time and click on OK.

717818/80

Resource Administration

**File Help**

**Access Level**

Public    IPD only    Team

**Resource Title:**

**Date Added:**  / /   **Date Updated:**  / /

**Product ID:**

**Cost:**

**Price:**

**Information Category:**

**Information Filename:**

**Repository:**

**Resource Description:**

**Remarks:**

**Media:**  **Format:**  **Point of Contact:**  **Alternate Administrator:**  **Bitmap >>**

**Buttons:**

Please enter new data at this line and click on Ok.

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File Help

Access Level:  Public  IPD only  Team

Resource Title:

Date Added:  / /

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Print >>

Ok Cancel Copy Paste Clear All Help

Please enter new data at this time and click on OK.

11/18/80

Resource Administration

Access Level	Resource Title	Date Added	Product ID	Cost	Price	Information Category	Information Filename	Repository	Resource Description	Remarks																					
<input type="checkbox"/> Public <input type="checkbox"/> IPD Only <input type="checkbox"/> Team	<input type="text"/> *.*	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>																					
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <input type="checkbox"/> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <b>File size :</b> <input type="text" value="0"/> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <b>Current Directory :</b> <input type="text" value="C:\CLN\UPDATE"/> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <b>Dir List :</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td><input type="button" value=".."/></td><td><input type="button" value="[-a-]"/></td><td><input type="button" value="[-c-]"/></td><td><input type="button" value="[-m-]"/></td><td><input type="button" value="[-p-]"/></td><td><input type="button" value="[-s-]"/></td><td><input type="button" value="[..]"/></td></tr> <tr><td><input type="button" value="cat.ico"/></td><td><input type="button" value="catat0z.ico"/></td><td><input type="button" value="clnsign.0br"/></td><td><input type="button" value="cls.ini"/></td><td><input type="button" value="clshelp.hlp"/></td><td><input type="button" value="clsnew.zip"/></td><td><input type="button" value="clsxfr.bat"/></td></tr> <tr><td><input type="button" value="clsxfr.pif"/></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> </div> <div style="border: 1px solid black; 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<input type="button" value=".."/>	<input type="button" value="[-a-]"/>	<input type="button" value="[-c-]"/>	<input type="button" value="[-m-]"/>	<input type="button" value="[-p-]"/>	<input type="button" value="[-s-]"/>	<input type="button" value="[..]"/>																									
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<input type="button" value="clsxfr.pif"/>																															

FILED 18/80

Resource Administration Form

<b>File</b>	<b>Help</b>
<input type="checkbox"/> Public	<input type="checkbox"/> IPD only
<input type="checkbox"/> Team	
<b>Access Level:</b>	
<b>Resource Title:</b>	<b>Filename:</b> <input type="text" value="cls1.bmp"/>
<b>Date Added:</b>	<b>File size:</b> <input type="text" value="19218"/>
<b>Product ID:</b>	<b>Current Directory:</b> <input type="text" value="C:\WINDOWS"/>
<b>Cost:</b>	<b>Dir List:</b> <input type="text" value="[-a] [-c] [-m] [-p] [-s] [..]"/>
<b>Price:</b>	<b>Edit...</b> <input type="button" value="OK"/> <input type="button" value="Cancel"/>
<b>Information Category:</b>	
<b>Information Filename:</b>	
<b>Repository:</b>	
<b>Resource Description:</b>	
<b>Remarks:</b>	<p>Please enter new data at this time and click on OK</p>

01/13/80

Resource Administration

File Help

Access Level:  Public  IPD only  Team

Resource Title: CLS - Test resource for training

Date Added:

Product ID:

Cost:

Price:

Information Category:

Information Filename:

Repository:

Resource Description:

Remarks:

Media:

Format:

Point of Contact:

Alternate Administrator:

Bitmap:

Continuous Learning System:

Help:

OK Cancel Stop Clear All

Please enter new data at this time and click on OK

11/18/89

Resource Administration

File Help

Access Level:  Public  IPD only  Team

Resource Title: **CLS - Test resource for training**

Date Added:  / /

Product ID:

Cost:

Price:

Information Category: **General**

Information Filename: **C:\WINDOWS\CLSL1.BM**

Repository: **Continuous Learning System**

Resource Description:

Remarks: **{CLS - TEST RESOURCE FOR TRAINING was successfully added to the CLS database}**

OK Cancel

Media: **On Line**

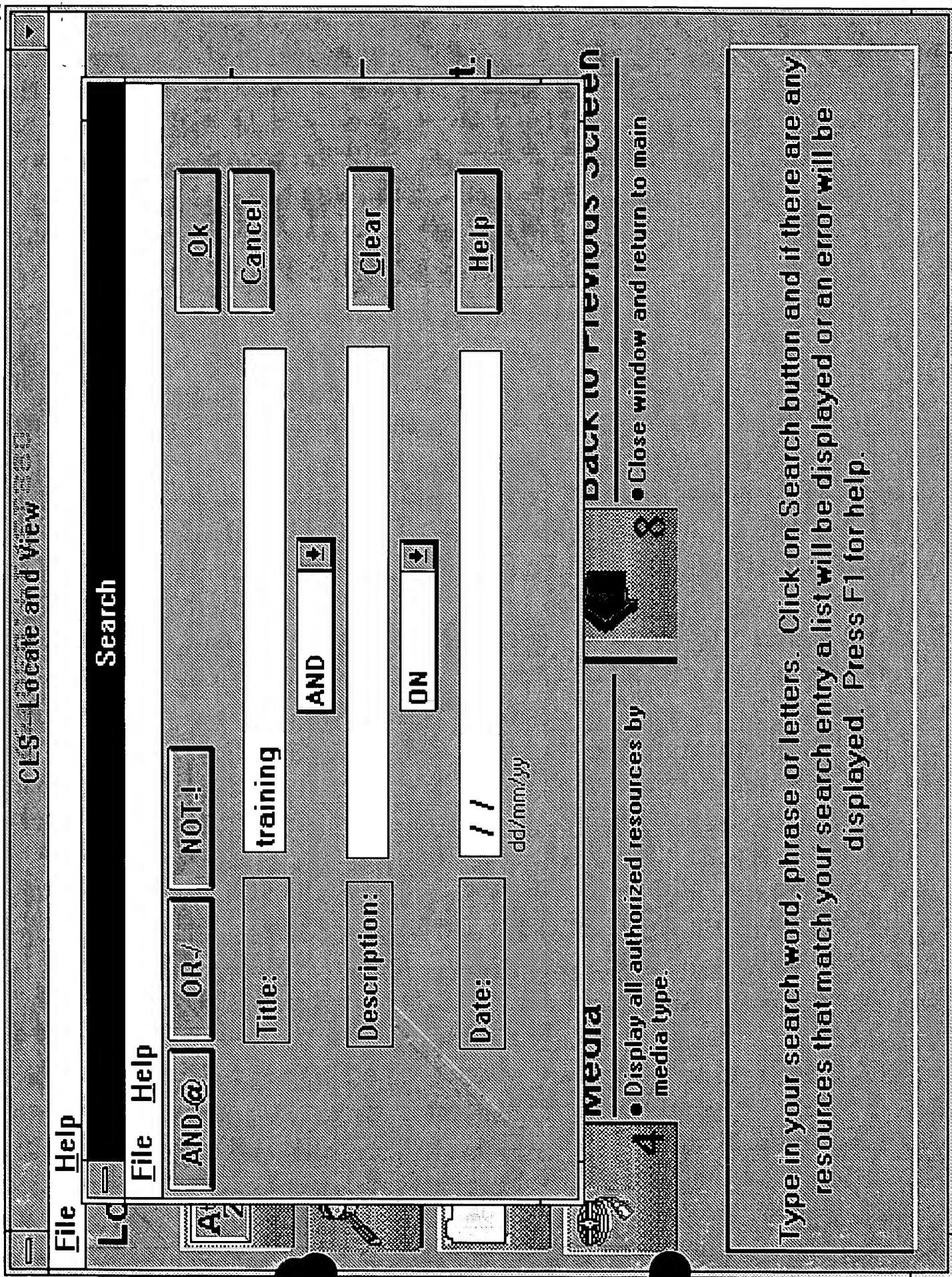
Format: **Notepad**

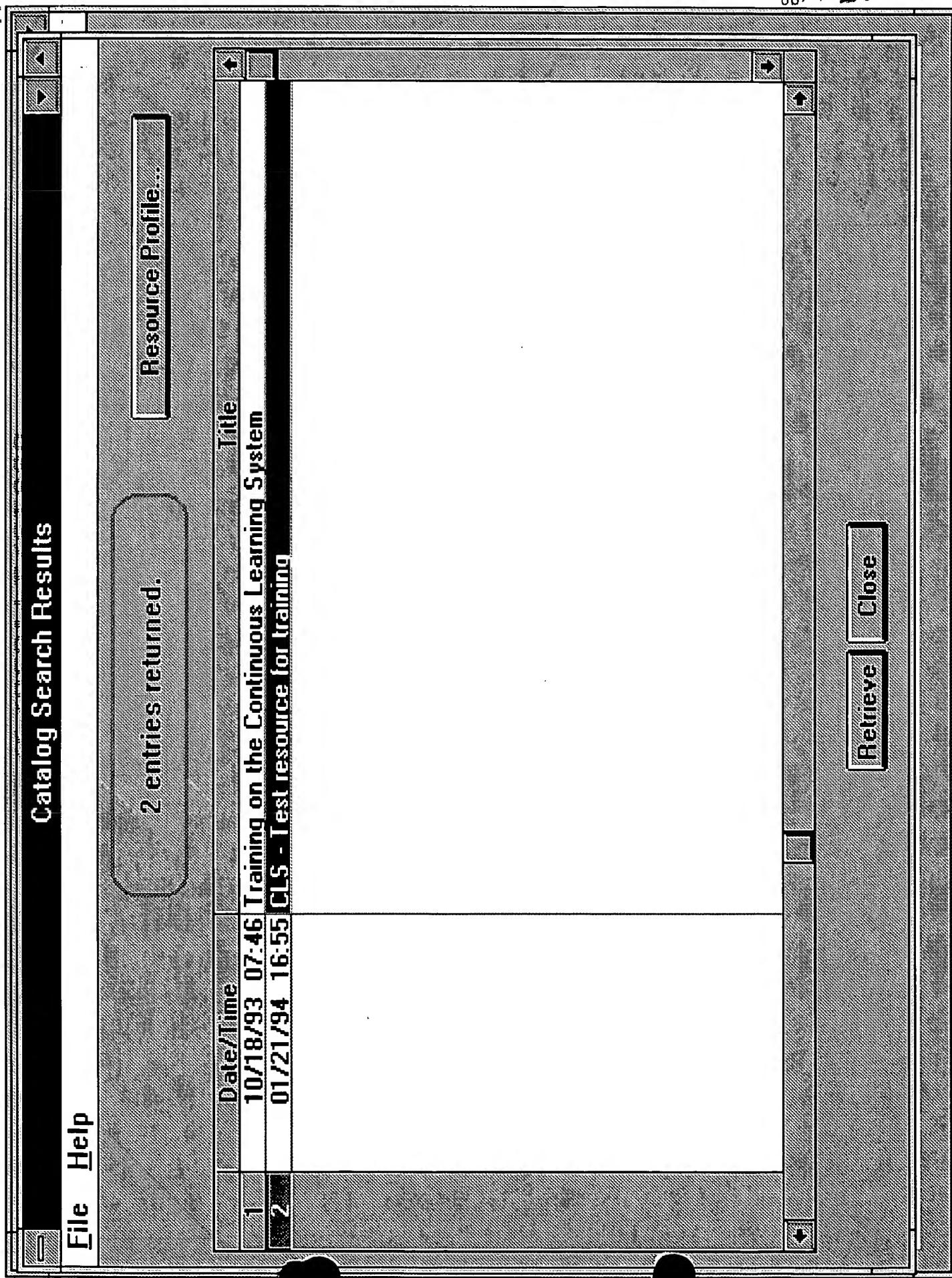
Point of Contact: **McCollum, Tab**

Alternate Administrator: **Cowan, Vickie**

Bitmap >>  C:\WINDOWS\CLSL1.BM

Clear All Help





b12 818/80

CLS - Test resource for training

Contact	Tab McCollum
E-Mail	Tab.McCollum@DaytonOH.MCR.COM
Phone	(513) 445-48682
FAX	
Added to resource center	21 JAN 94
Resource updated	Patented
Media Type	Note pad
Format	On Line
Product ID	
Price	
Description	
Remarks	

612818/89

08/217055

Fig. 53

CLS - Test Resource for training

File Help

Contact Tab McCollum

E-Mail Tab.McCollum@DavtonOH.NCR.COM

Phone (513) 445-48682

FAX

Added to resource center 21 JAN 94

Resource updated

Media Type Note

Format On Line

Product ID

Price

Description

Remarks

Retrieval E-Mail Fax Close

CLS Note

?

Unable to mail request. CLS.TXT in the c:\cln\output directory has been created. Do you wish to view this file?

Cancel

Yes

No

h1C18/80

## Notepad - CLS.TXT

File Edit Search Help**Continuous Learning System Notification****01/21/94 05:03PM****TO: TAB MCCOLLUM****E-Mail: Tab.McCollum@DaytonOH.NCR.COM****FROM: VICKIE COWAN****E-MAIL: vickie.cowan@DaytonOH.NCR.COM****MAIL DROP: emd-3****PHONE:****LOCATION: dayton, OH****\*\*\*\*\*****VICKIE COWAN would like to obtain information  
on the following subject(s) .****Title: CLS - TEST RESOURCE FOR TRAINING****Please contact the above individual if more information is required.****End Notification.**

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**NCR Continuous Learning System**

**File Options Help**

**Continuous Learning System**

**Locate and View**

- Display resource names.
- Search resource names [including categories].
- Save search as interest.
- Choose and receive information resource.

**Provide or Distribute**

- Add, edit or delete entries to the Resource Center.

**Identify Interests**

- Identify and save interests for notification.
- Review existing saved interests.

**Session Active**

Click on a button for instructions or double click to execute the button. You may also select the corresponding number to execute the desired function.

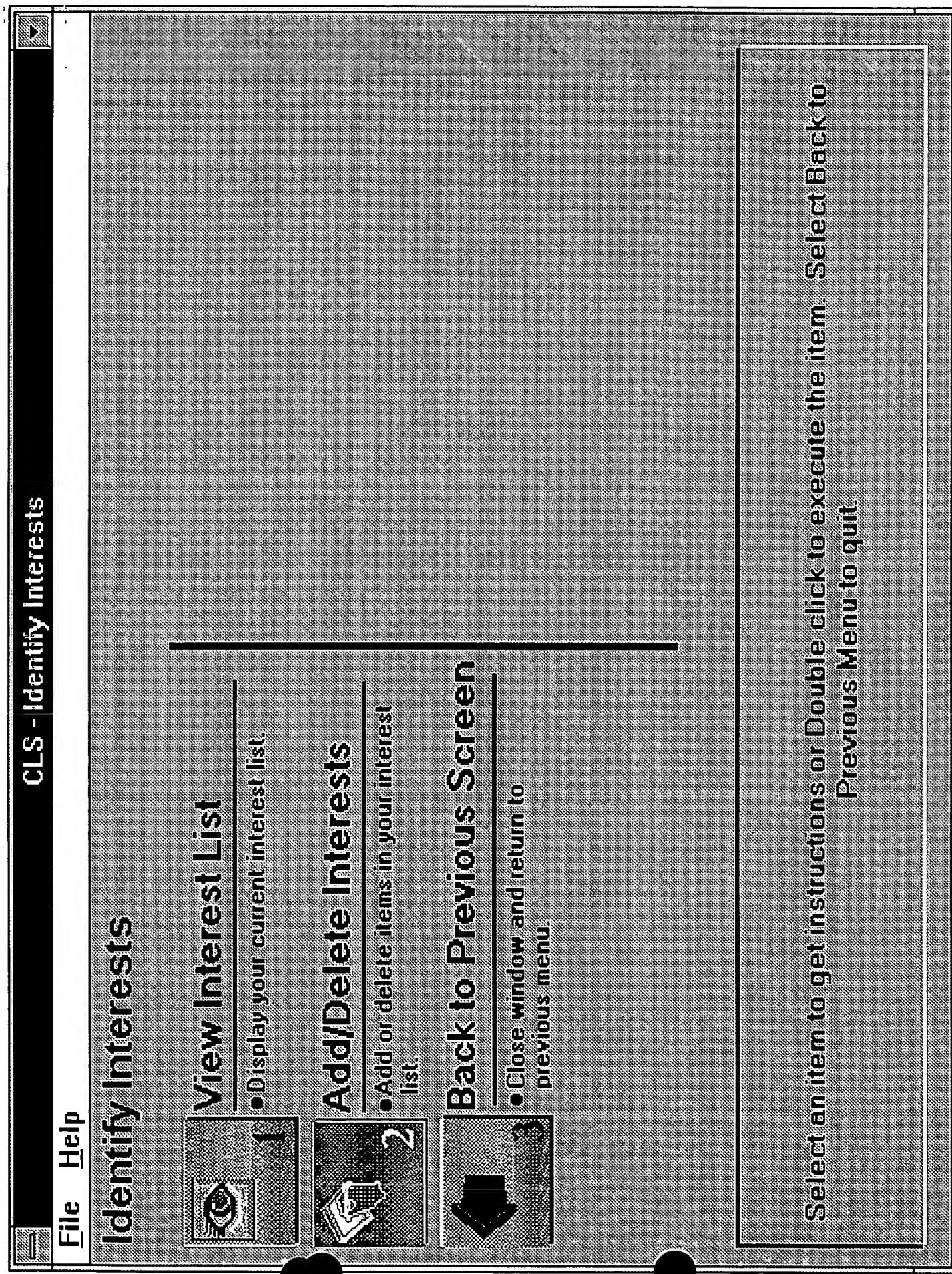
**Personal Information**

- Review your personal profile.
- Change password.

**File Advisor** 117-05-004

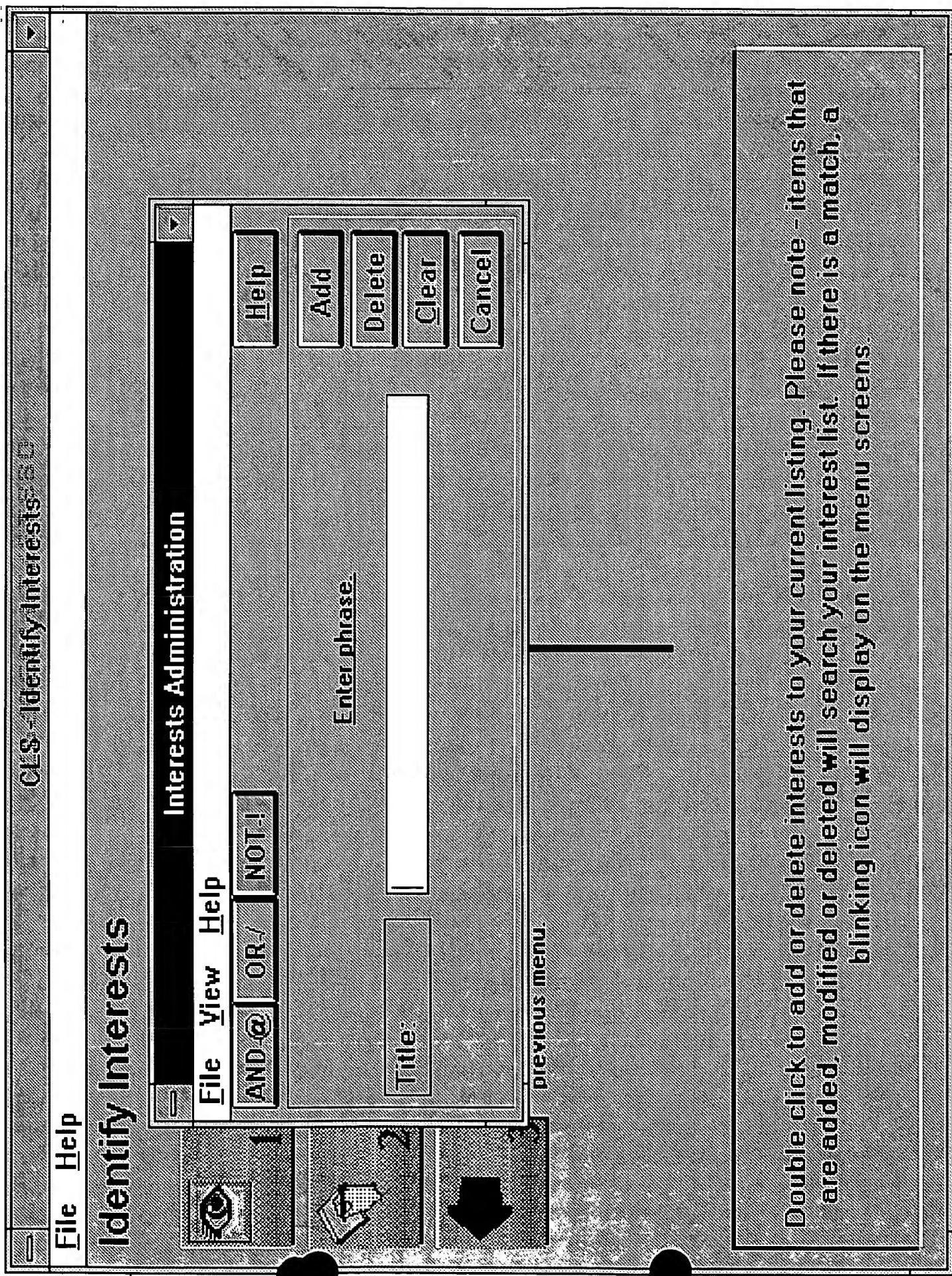
**Click on flashing button or depress F8 to view notifications.**

10 notification(s) Vickie Cowan



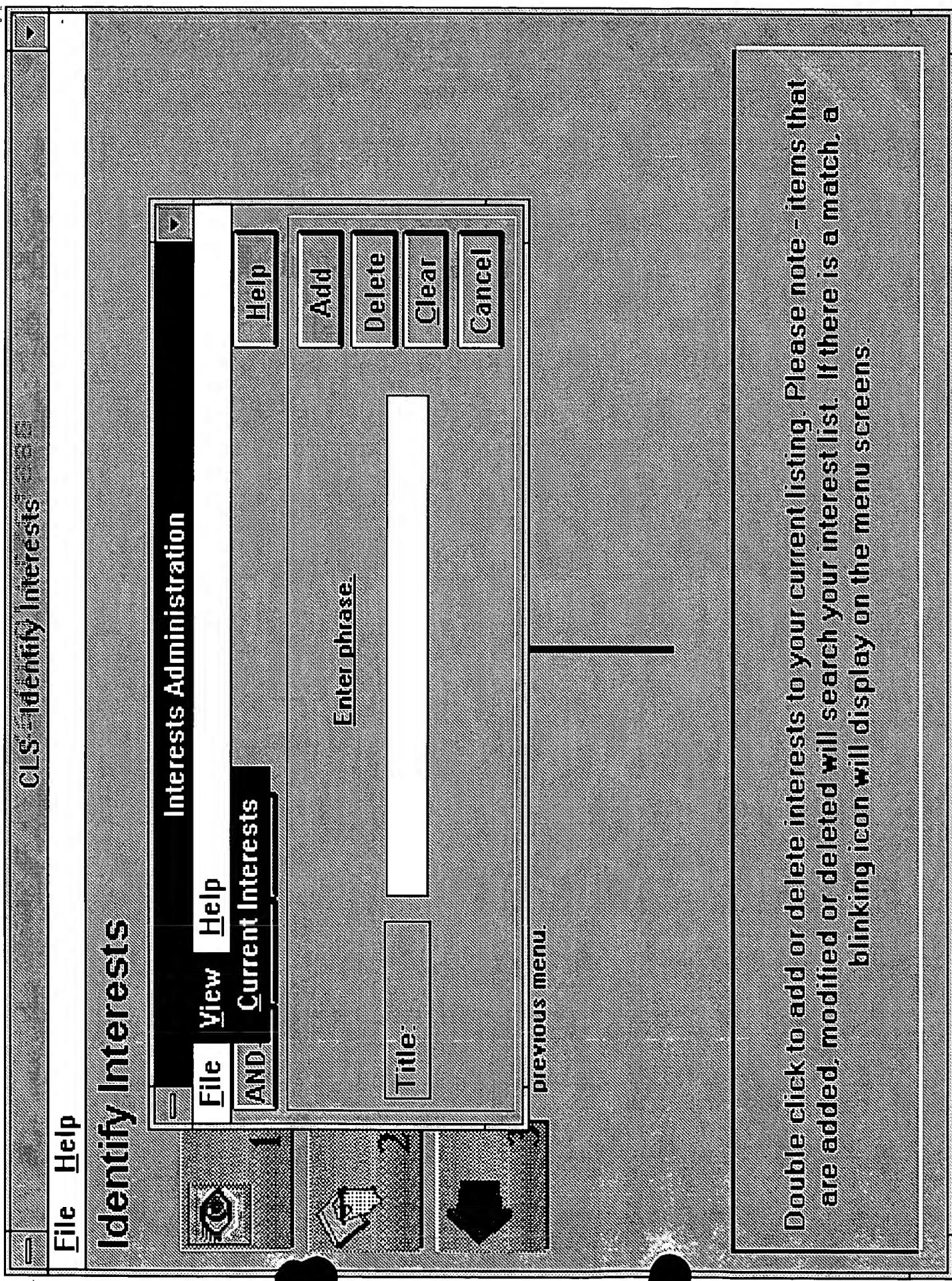
h12818/80

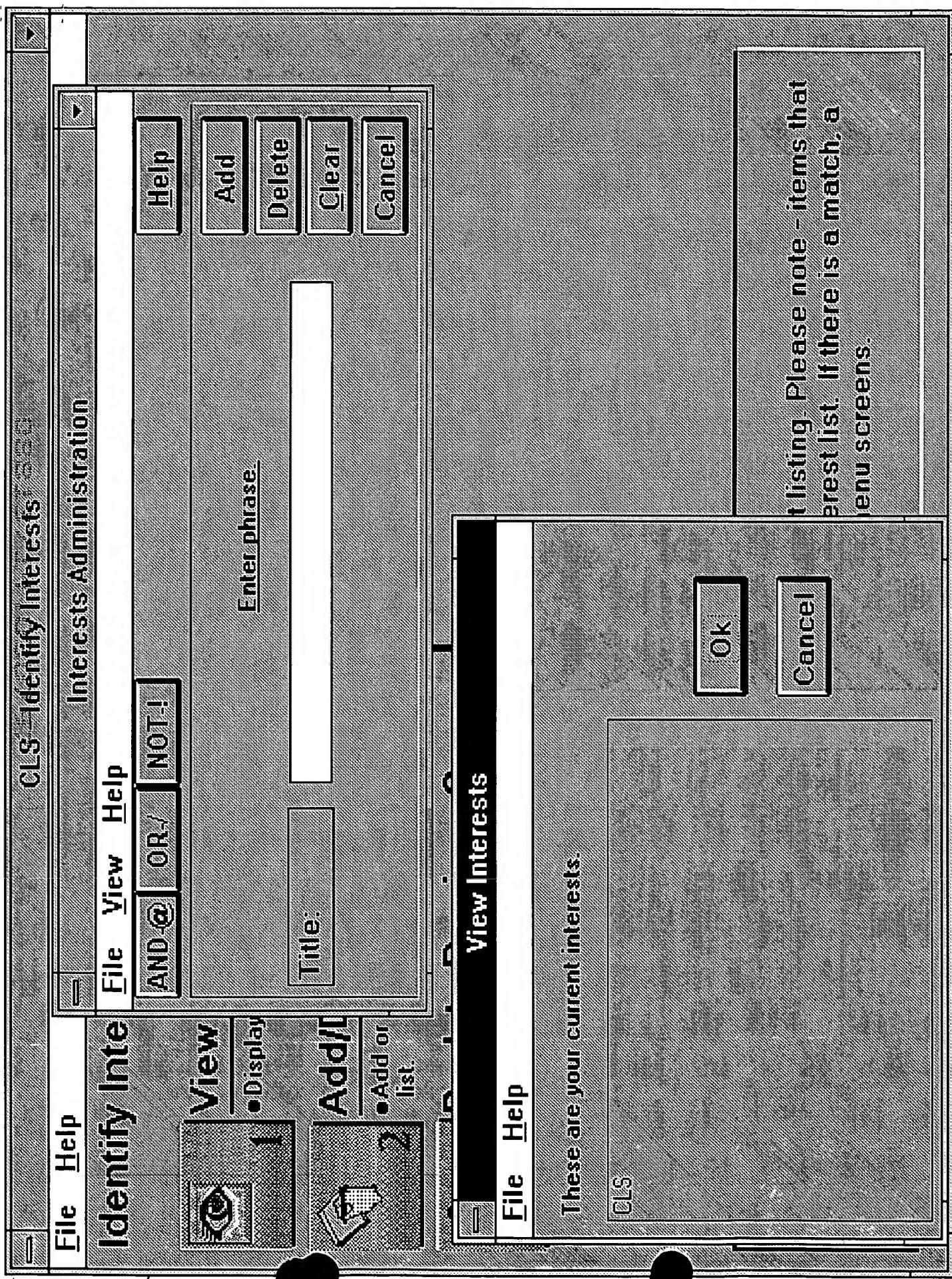
Fig. 5b



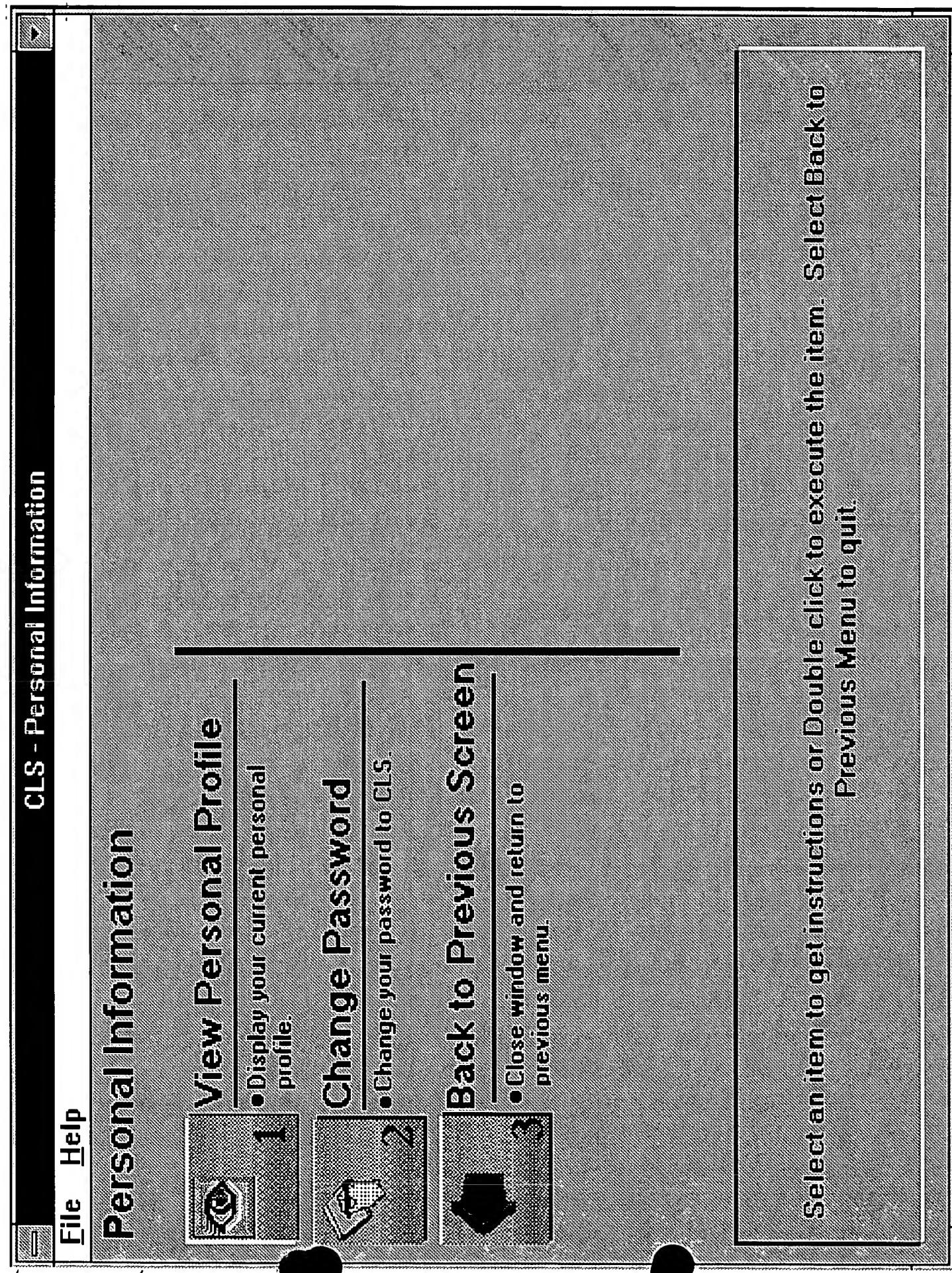
11/18/80

Fig. 57





h1C 818/80



08/217065

Fig. 61



11/18/80

**Catalog Search Results**

**File Help**

**Retain Notification ?**  
 Yes  No

**Resource Profile...**

**10 entries returned.**

	Media	Date/Time	Title
1	On Line	12/01/93 20:48	CLS - Sample Log File
2	On Line	12/02/93 13:50	CLS - Pilot Plan
3	On Line	12/13/93 15:03	CLS - Overview Powerpoint Presentation
4	On Line	12/13/93 15:29	CLS - Overview Presentation
5	On Line	12/13/93 15:32	CLS - User Guide
6	On Line	01/05/94 13:38	CLS - Add New User Template
7	On Line	01/07/94 16:10	CLS - Latest version of the CLS application [pk zip]
8	On Line	01/07/94 16:13	CLS - Developer notes and new release 1.01 procedures
9	On Line	01/12/94 14:12	CLS - Parameter file for LINUS interface. [Please read desc]
10	On Line	01/21/94 16:55	CLS - Test resource for training

**Retain** **Close**

**10 notifications** | **Mike Cowan**

**CLS ADVISED** | **17:06:26**

NCR Continuous Learning System

File   Options   Help   **Alt+F4**   Learning System

Exit

**Locate and View**

- Display resource names.
- Search resource names [including categories].
- Save search as interest
- Choose and receive information resource

**Provide or Distribute**

- Add, edit or delete entries to the Resource Center

**Session Active**

Click on a button for instructions or double click to execute the button. You may also select the corresponding number to execute the desired function.

**Identify Interests**

- Identify and save interests for notification.
- Review existing saved interests

**Personal Information**

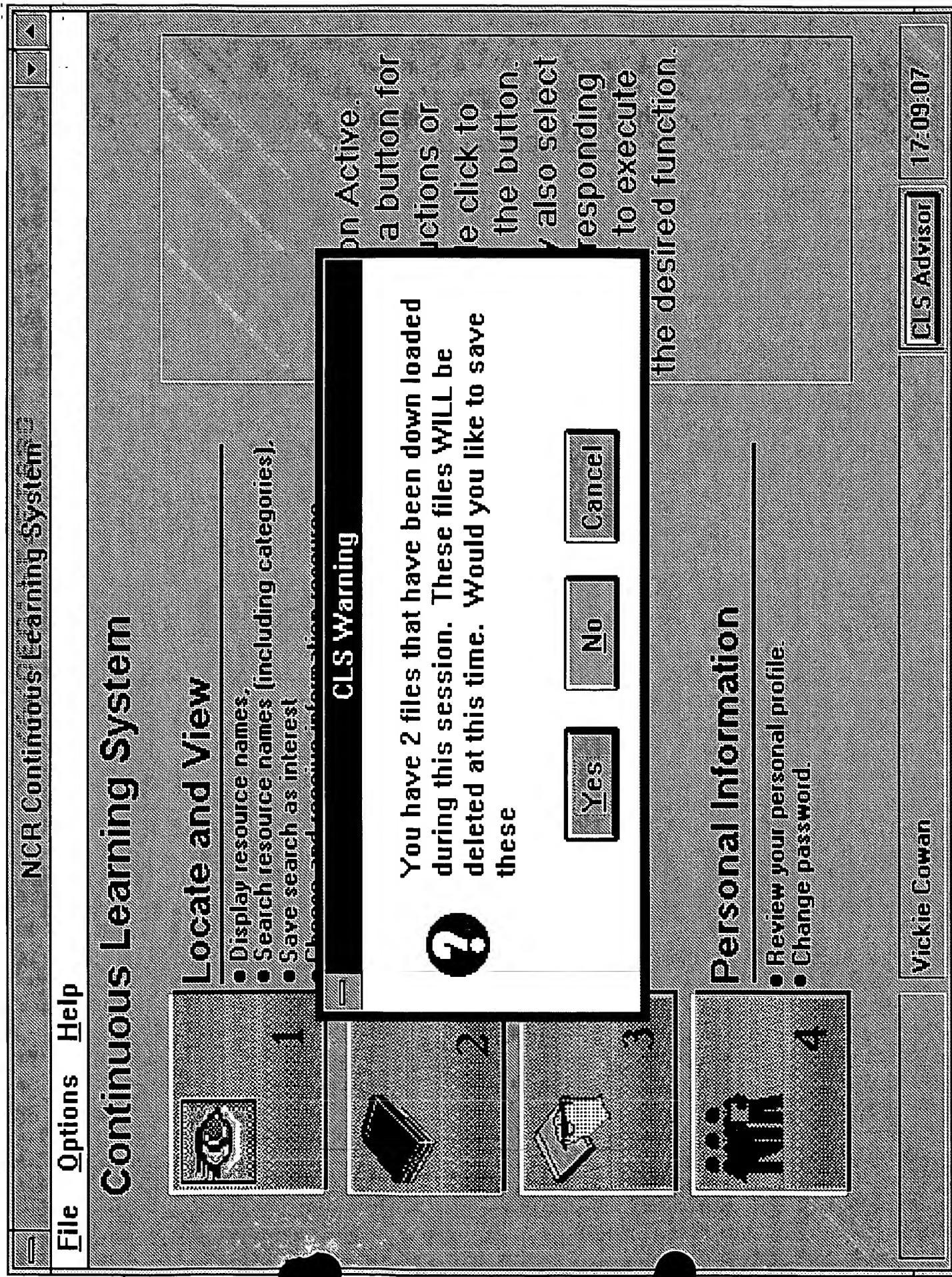
- Review your personal profile.
- Change password

1   2   3   4

Vickie Cowan

ELIS Admin Sub 17:08:48

h1L818/80



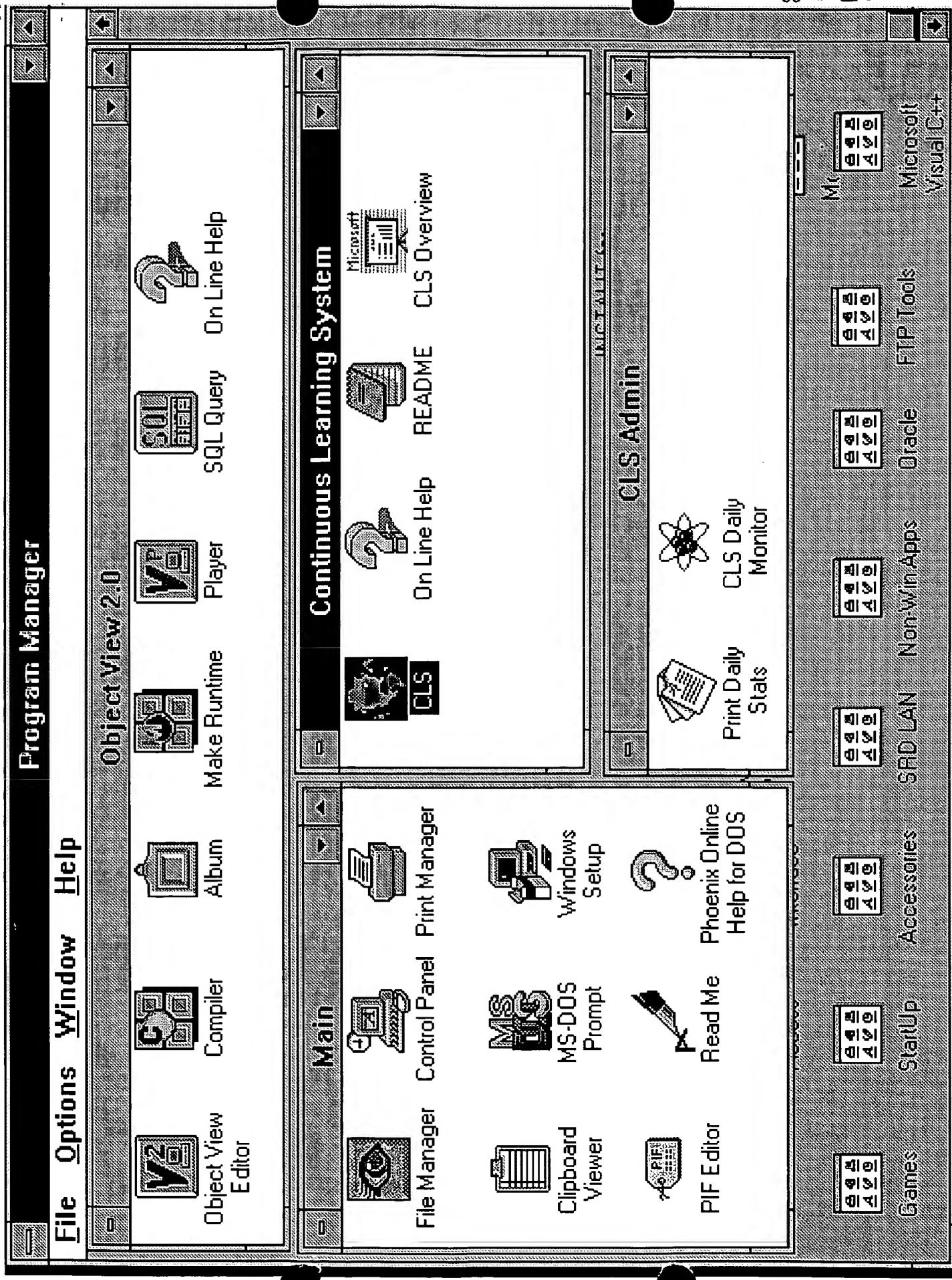


Fig. 65

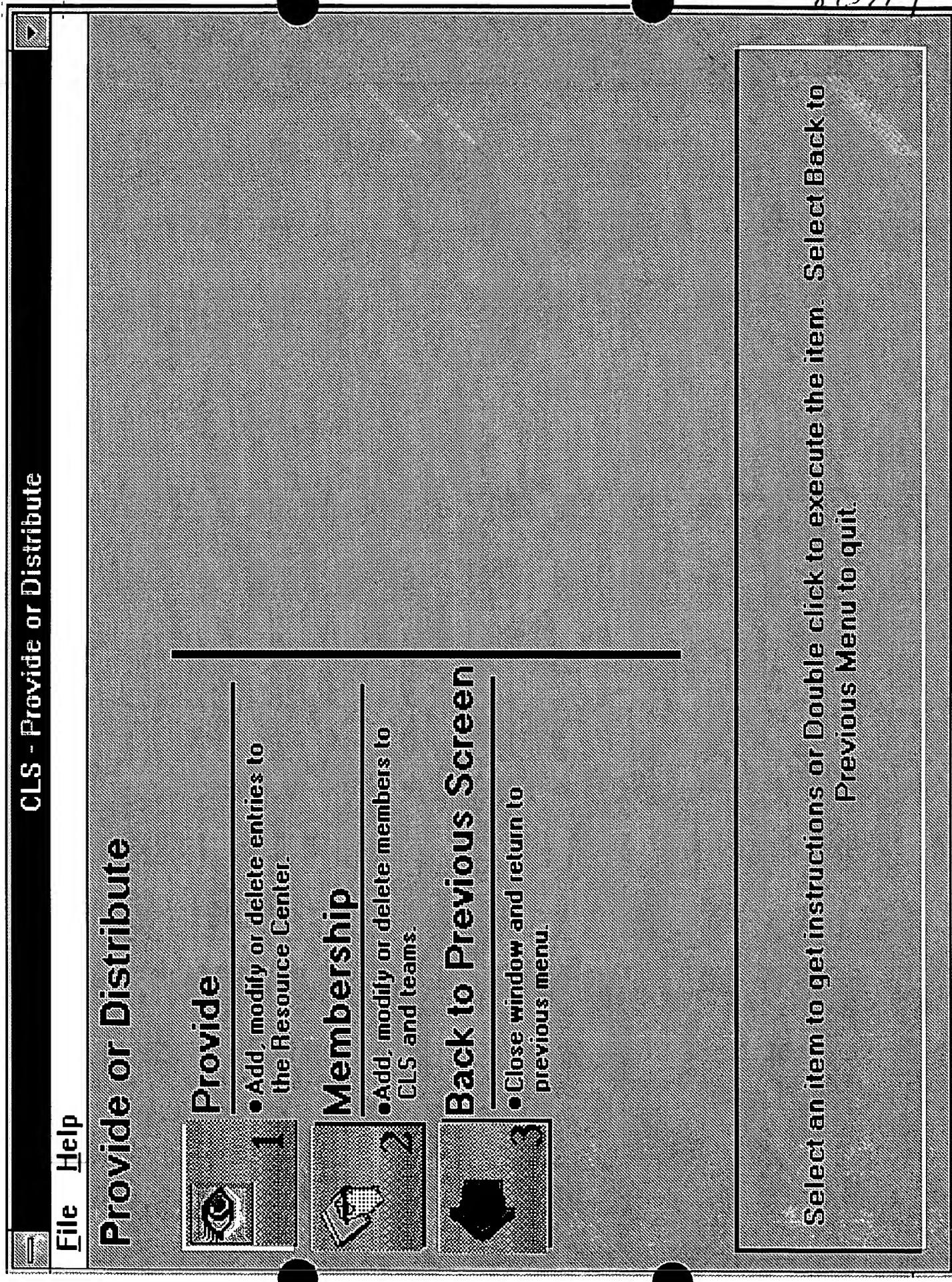
*813714*  
*217065*

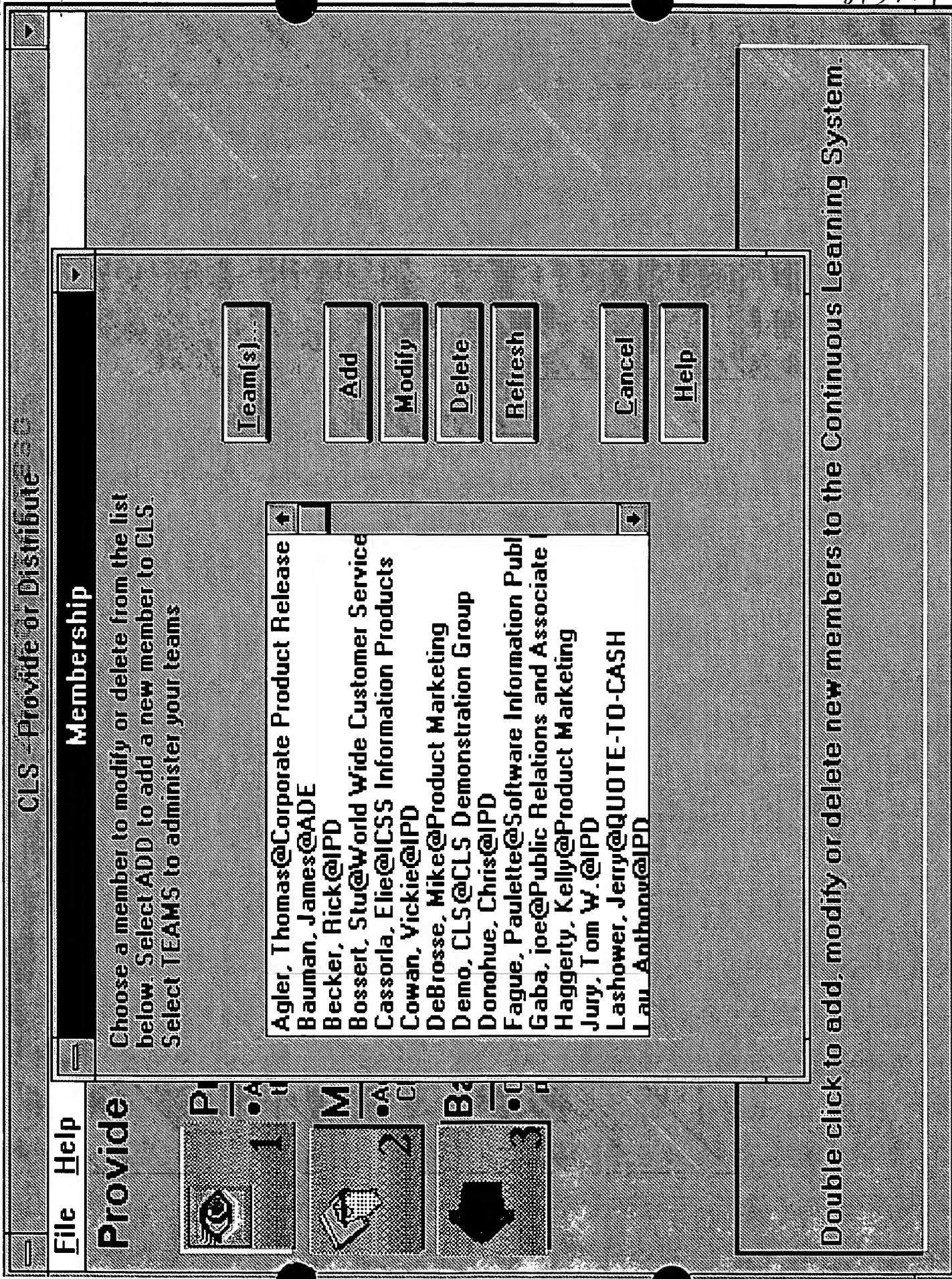
The next few slides deal with the TEAM security of CLS.

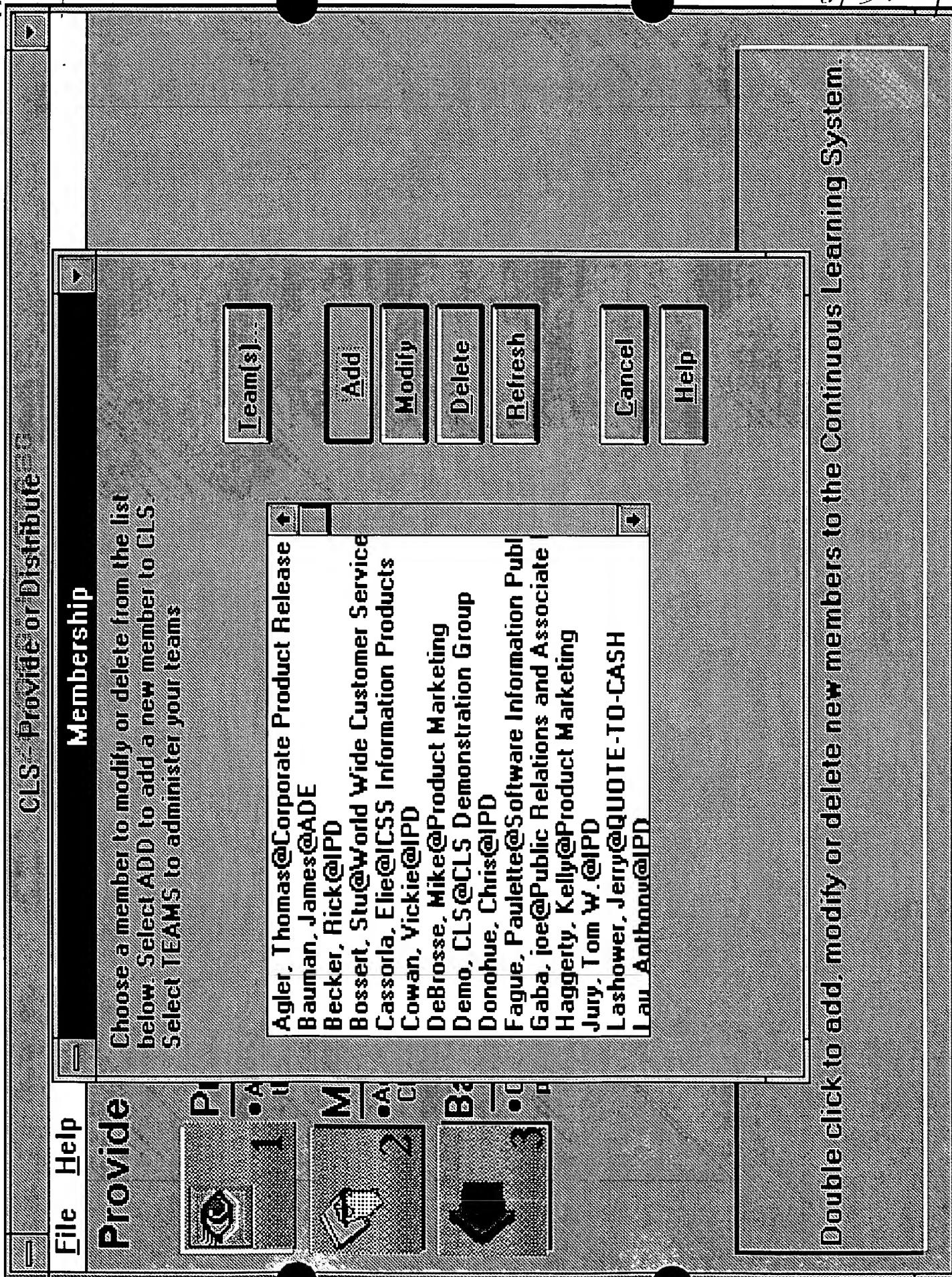
Only Information Administrators can create, modify or

- delete new teams. Once a team has been assigned to a user , the user can assign resources to that particular team and only those members will see the resource. We have tried to depict a small scenario to give you a better feel for TEAMS. An information administrator has been logged on to show this illustration.

Fig. 66







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CLS - Environment Distinctive

CLS User Administration

SIP Customer Number

User ID: 72

Zip Code:

FRC Number:

ACCT Number:

Phone Number:

E-MAIL Address:

Date Added:

Mail Drop:

Date Updated:

Type of User:

User Environment:

City:

State:

Country:

Title:

CLS Login:

Reset User Password

Help

Ok

Cancel

Double click to add, modify or delete new members to the Continuous Learning System.

Fig. 70

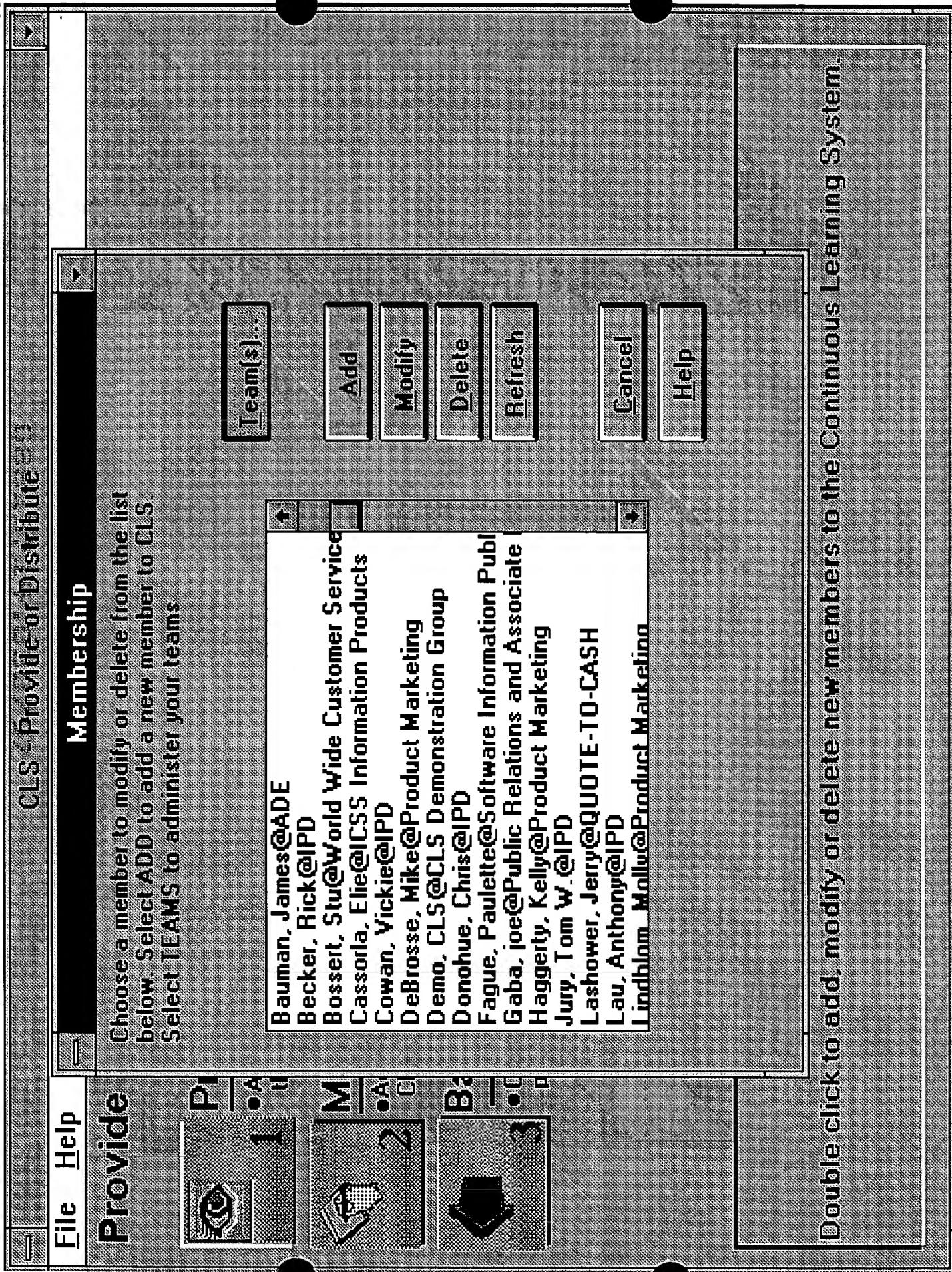


FIG. 71

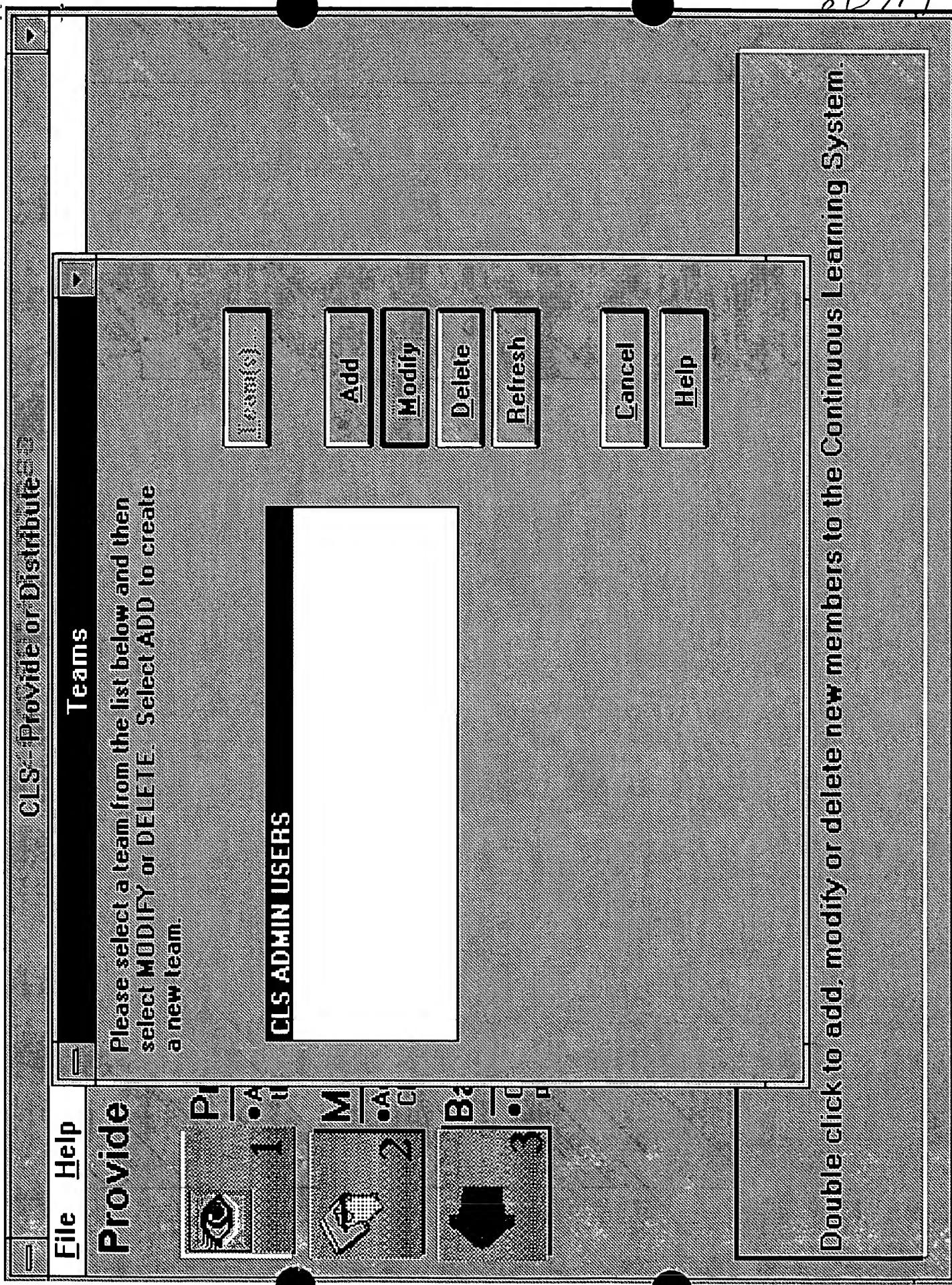
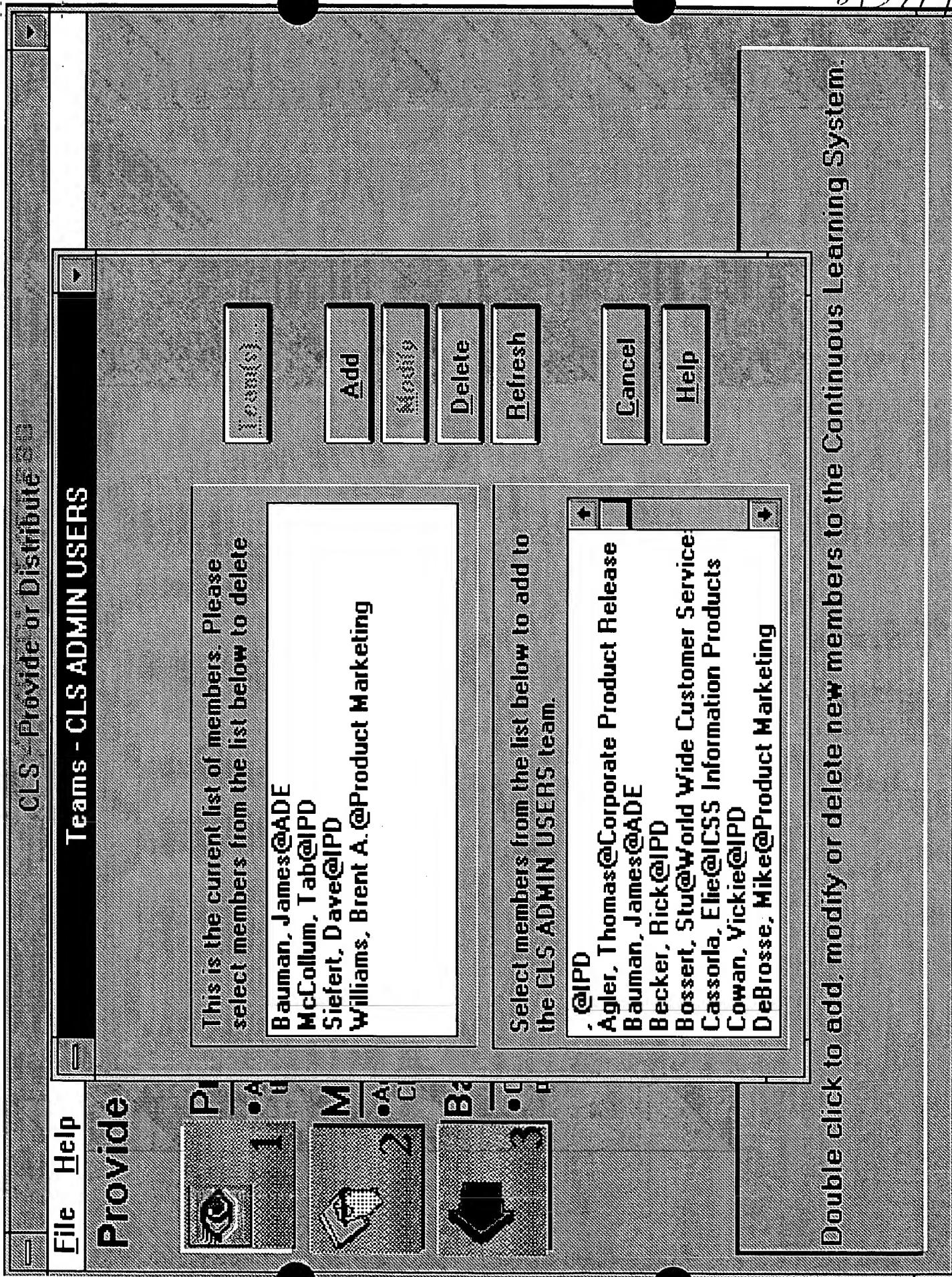


FIG. 72



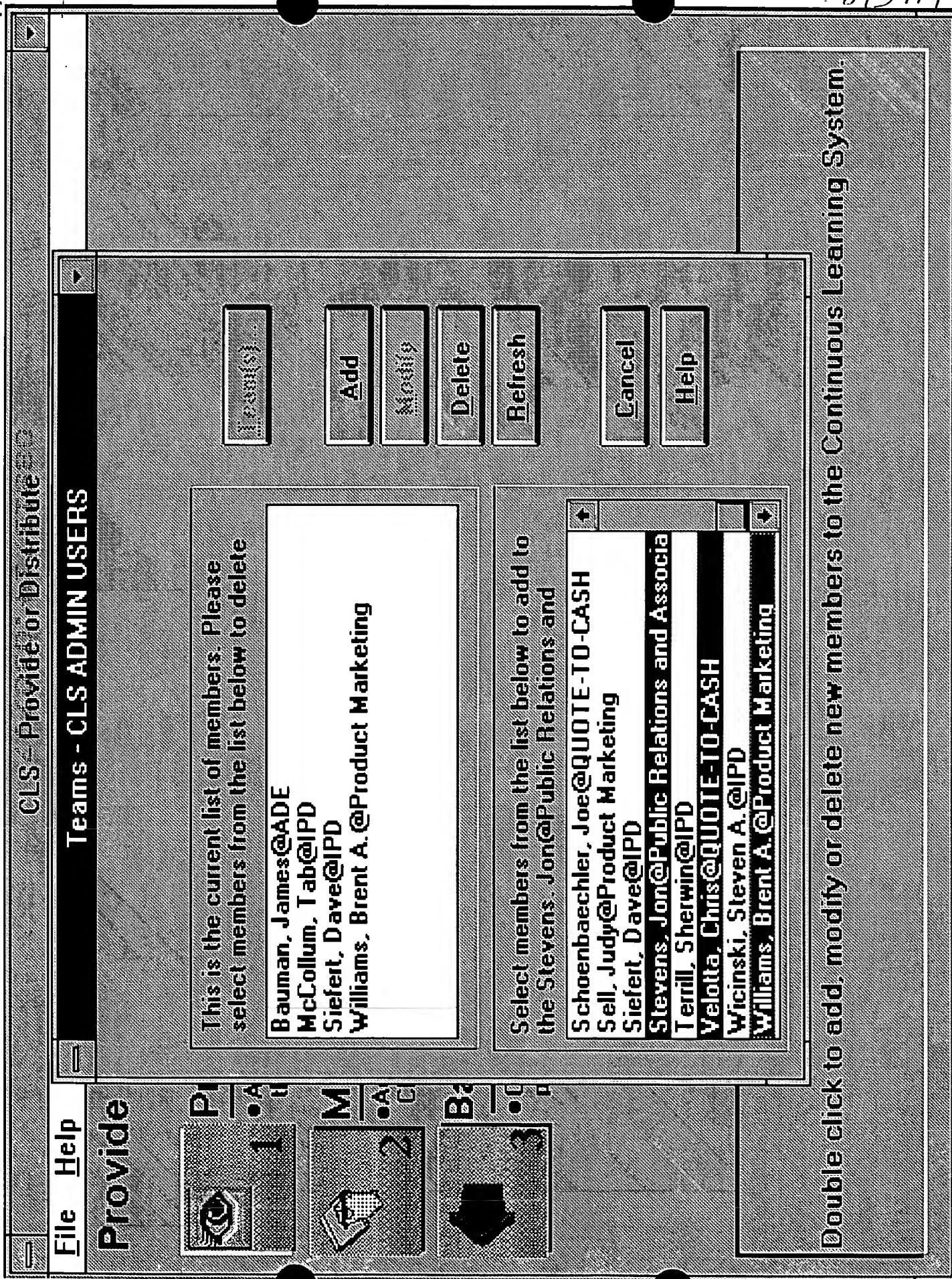


Fig. 74

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File Help Provide Teams - CLS ADMIN USERS

adding James Bauman

This is the current list of members. Please select members from the list below to delete.

Bauman, James@ADE  
McCollum, Tab@IPD  
Siefert, Dave@IPD  
Williams, Brent A.@Product Marketing

Add Modify Delete Refresh

Select members from the list below to add to the Stevens, Jon@Public Relations and Stevens, Judy@Product Marketing

Siefert, Dave@IPD  
Stevens, Jon@Public Relations and Associa  
Terrill, Sherwin@IPD  
Velotta, Chris@QUOTE-TO-CASH  
Wicinski, Steven A. @IPD  
Williams, Brent A.@Product Marketing

Cancel Help

Double click to add, modify or delete new members to the Continuous Learning System.

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Fig. 76

**Provide**

**File Help**

**Teams - CLS ADMIN USERS**

This is the current list of members. Please select members from the list below to delete.

Agler, Thomas@Corporate Product Release  
Bauman, James@ADE  
Bossert, Stu@World Wide Customer Services  
Cassolla, Elie@ICSS Information Products  
McCollum, Tab@IPD  
Siebert, Dave@IPD  
Stevens, Jon@Public Relations and Associates

Add

Refresh

Delete

Cancel

Help

Select members from the list below to add to the Williams, Brent A. @Product Marketing

Agler, Thomas@Corporate Product Release  
Bauman, James@ADE  
Becker, Rick@IPD  
Bossert, Stu@World Wide Customer Services  
Cassolla, Elie@ICSS Information Products  
Cowan, Vickie@IPD  
DeBrosse, Mike@Product Marketing  
Demo, CLS@CLS Demonstration Group

Double click to add, modify or delete new members to the Continuous Learning System.

# Resource Administration

## File Help

Access Level:  Public  IPD only  Team



**CLS ADMIN USERS**  
**CLS TEST TEAM**

Resource Title:

### CONFIDENTIAL REPORT ON CLS SECURITY REQUIREMENTS

Date Added:

1/1

Ok

Cancel

Date Updated:

1/1

Ok

Cancel

On Line

Ok

Cancel

Product ID:

Ok

Cancel

Format:

Ok

Cancel

Point of Contact:

Ok

Cancel

Alternate Administrator:

Ok

Cancel

Siefert, Dave

Ok

Cancel

Bitmap >>

Ok

Cancel

Information Category:

General

Ok

Cancel

Information Filename:

Team\secur.doc

Ok

Cancel

Repository:

Continuous Learning System

Ok

Cancel

Resource description cannot exceed 255 characters

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Ok

Cancel

Resource Description:

This is a test resource entry to check the security validation in the TEAM concept

Ok

Cancel

Resource Description:

Ok

Cancel

Remarks:

Please enter new data at this time and click on Ok

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Fig. 77

# Resource Administration

## File Help

Access Level:  Public  IPD only  ELS ADMIN USERS

Resource Title:

### CONFIDENTIAL REPORT ON CLS SECURITY REQUIREMENTS

Date Added:

Product ID:

Cost:

Price:

Information Category:

Information Filename:

Repository:

Resource Description:

Remarks:

Media:	<input type="button" value="On Line"/>	<input type="button" value="Disk"/>	<input type="button" value="Fax"/>	<input type="button" value="Email"/>	<input type="button" value="Clear All"/>	<input type="button" value="Help"/>
Format:	<input type="button" value="Microsoft Word"/>					<input type="button" value="Bitmap &gt;&gt;"/>
Point of Contact:	<input type="button" value="McCollum Tab"/>					<input type="button" value="Edit"/>
Alternate Administrator:	<input type="button" value="Siefert, Dave"/>					<input type="button" value="Edit"/>
Information Category:	<input type="button" value="General"/>					<input type="button" value="Edit"/>
Information Filename:	<input type="button" value="\\team\\secur.doc"/>					<input type="button" value="Edit"/>
Repository:	<input type="button" value="Continuous Learning System"/>					<input type="button" value="Edit"/>
Resource Description:	<input type="button" value="This is a test resource entry to check the security validation in the TEAH concept"/>					<input type="button" value="Edit"/>
Remarks:	<input type="text" value="Please enter new data at this time and click on OK"/>					<input type="button" value="Edit"/>

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Fig. 78

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Fig. 79

Catalog Search Results

File Help

21 entries returned.

Resource Profile...

	Media	Date/Time	Title
6	On Line	10/28/93 14:29	CLS - Distinct offers 3-in-1 TCP/IP SDK.
7	On Line	11/05/93 13:38	CLS - SQL .NET for Windows Procedures
8	On Line	11/11/93 13:22	CLS - CLS Project Plan
9	On Line	11/12/93 14:48	CLS - Roles and Responsibilities as determined on 12 Aug 93
10	On Line	11/16/93 08:24	CLS - New CLS application for pilot test in France.
11	On Line	12/01/93 20:48	CLS - Sample Log File
12	On Line	12/02/93 13:50	CLS - Pilot Plan
13	On Line	12/13/93 15:03	CLS - Overview Powerpoint Presentation
14	On Line	12/13/93 15:29	CLS - Overview Presentation
15	On Line	12/13/93 15:32	CLS - User Guide
16	On Line	01/05/94 13:38	CLS - Add New User Template
17	On Line	01/07/94 16:10	CLS - Latest version of the CLS application (pkzip)
18	On Line	01/07/94 16:13	CLS - Developer notes and new release 1.01 procedures
19	On Line	01/12/94 14:12	CLS - Parameter file for LINUS interface. (Please read description)
20	On Line	01/21/94 16:55	CLS - Test resource for training
21	On Line	01/24/94 13:39	CONFIDENTIAL REPORT ON CLS SECURITY REQUIREMENTS

Retrieve Close

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Fig. 80

Next few slides show another user named VCOWAN logged in who is not assigned to the CLS ADMIN USERS team to show that the new resource can only be seen by those persons selected earlier.

**NCR Continuous Learning System**

**File Options Help**

**Continuous Learning System**

**Locate and View**

- Display resource names.
- Search resource names [including categories]
- Save search as interest
- Choose and receive information resource

**Provide or Distribute**

- Add, edit or delete entries to the Resource Center

**Identify Interests**

- Identify and save interests for notification.
- Review existing saved interests

**Personal Information**

- Review your personal profile.
- Change password

**Session Active**

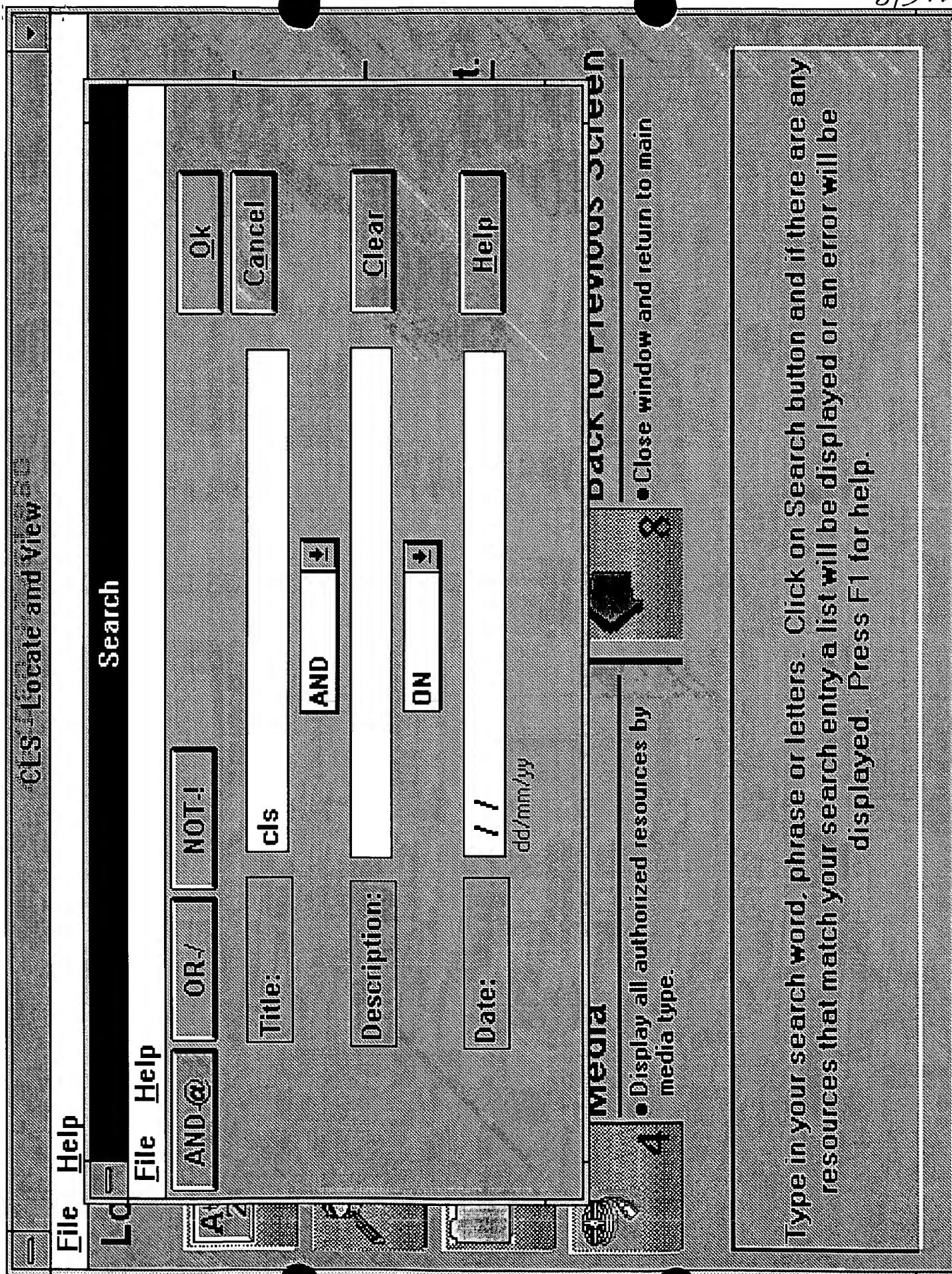
Click on a button for instructions or double click to execute the button. You may also select the corresponding number to execute the desired function.

**File Advisor** 13:53:16

**Vickie Cowan**

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Fig. 8



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Fig. 835

## Catalog Search Results

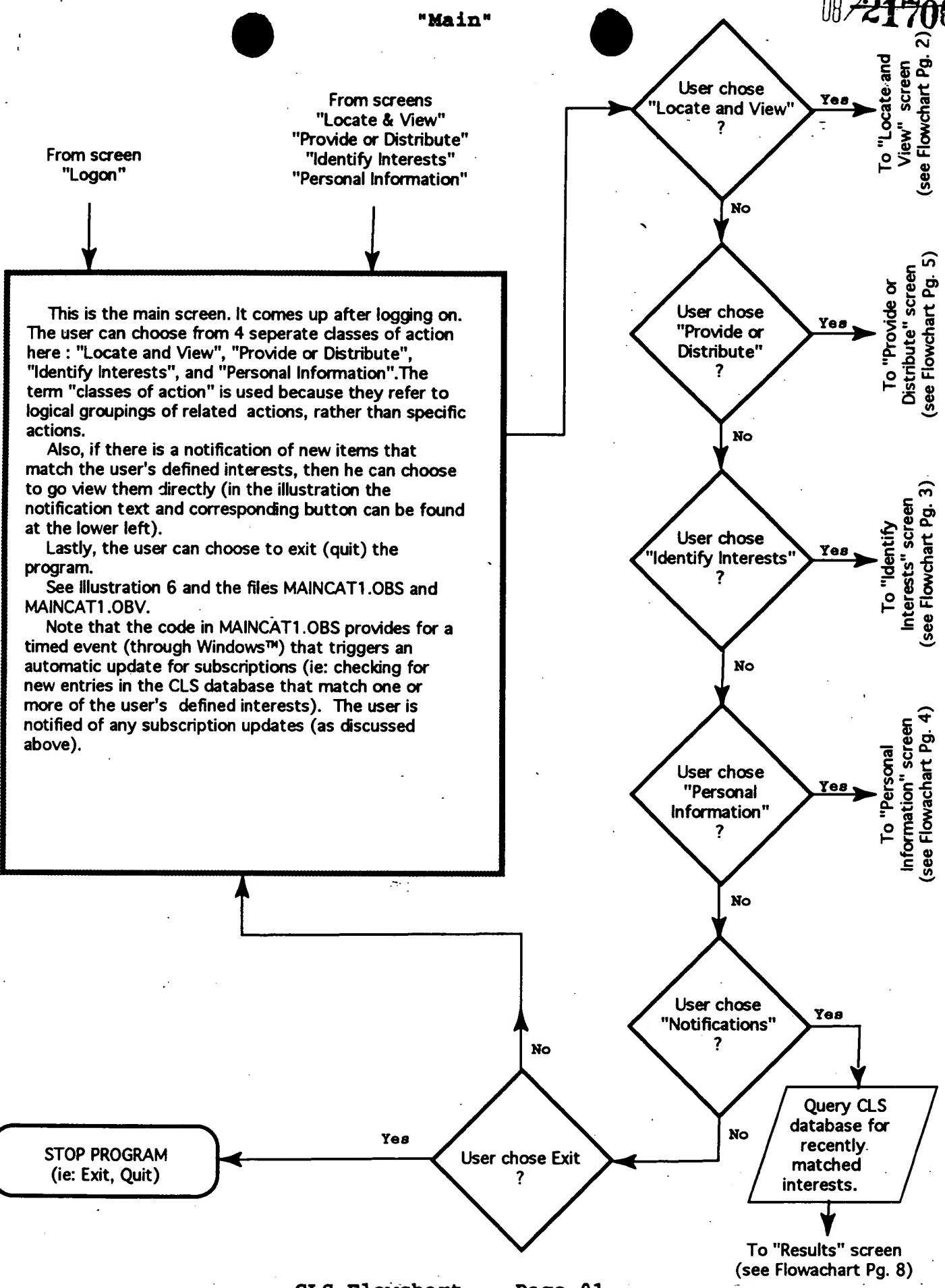
File Help

18 entries returned.

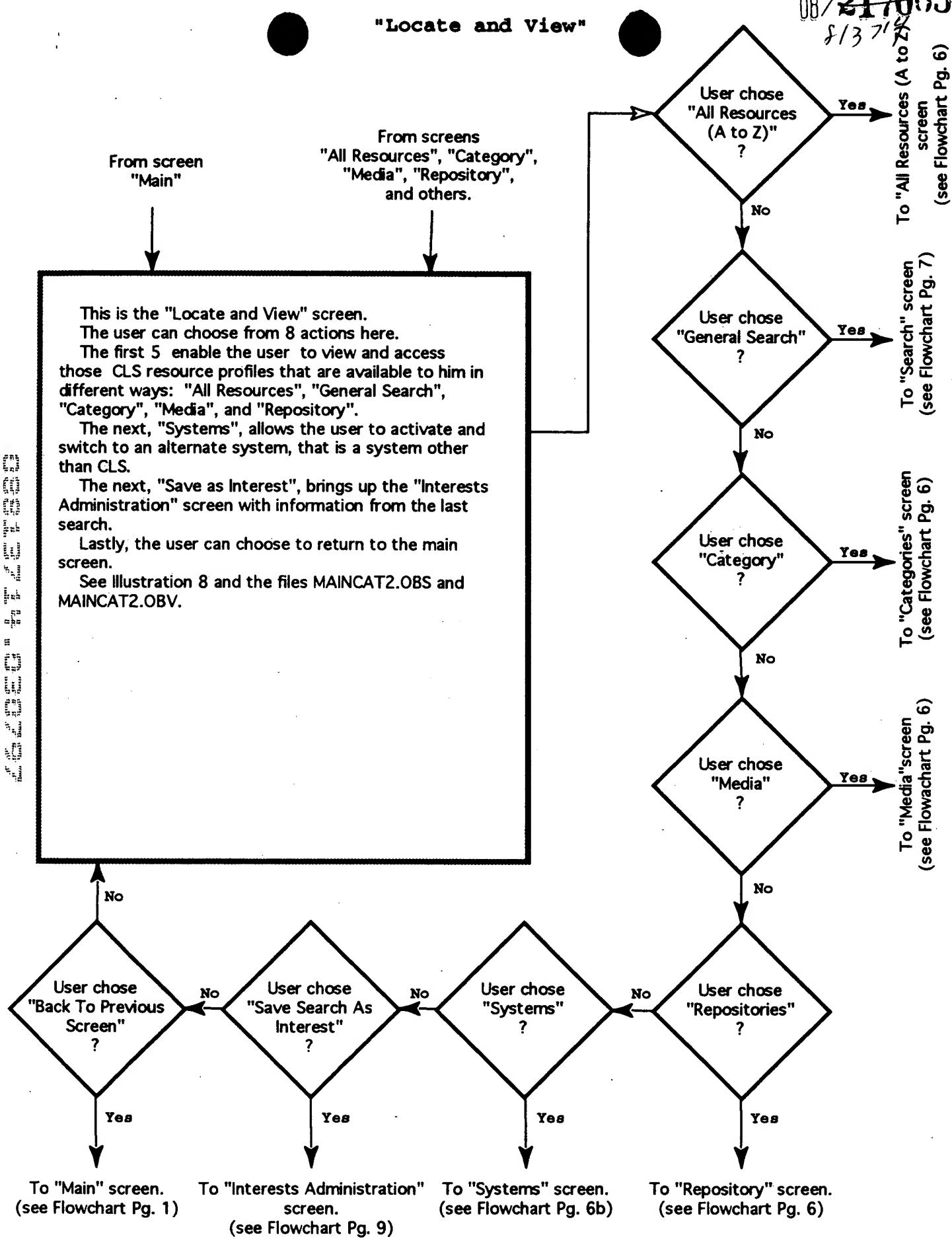
Resource Profile...

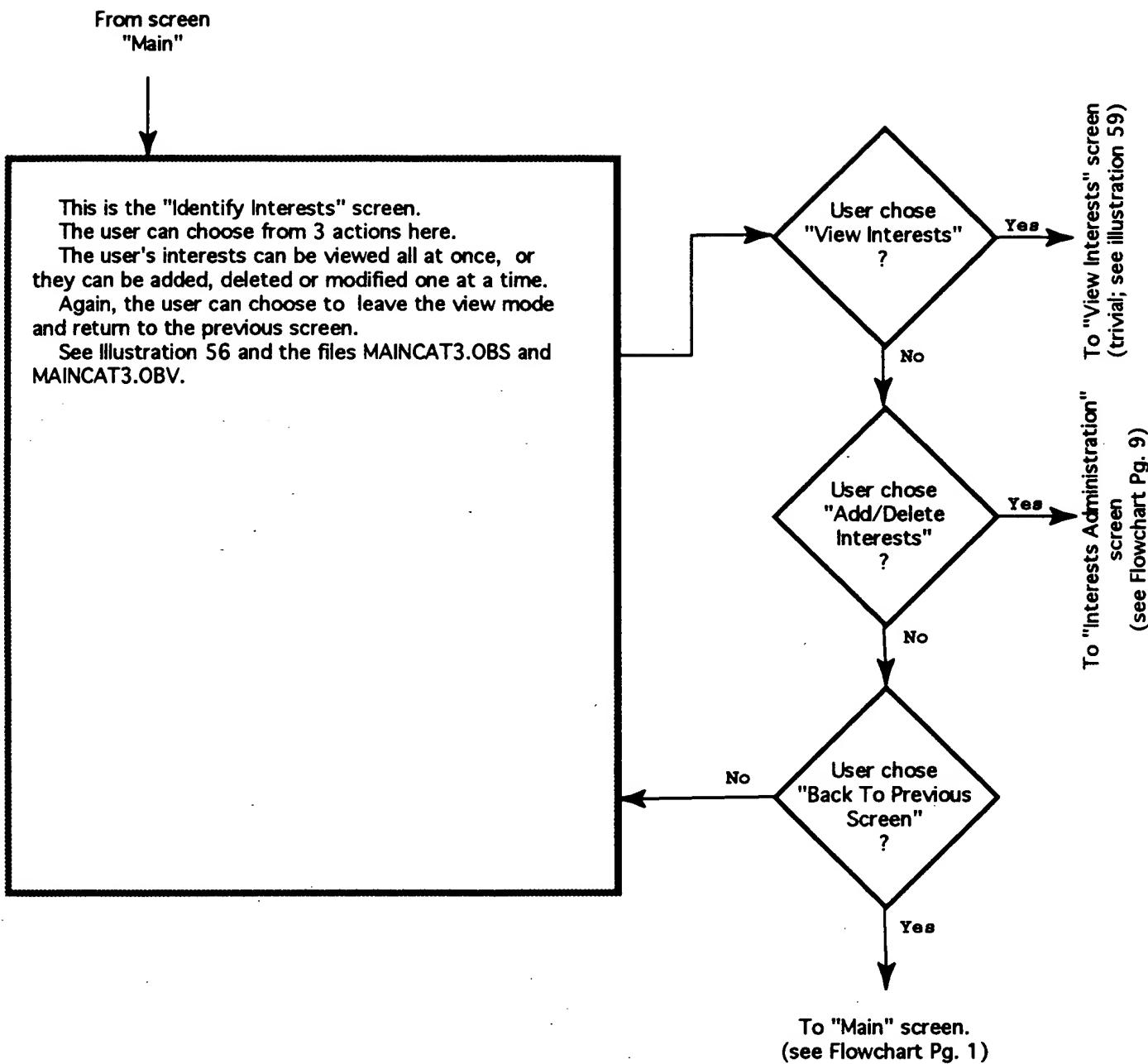
	Media	Date/Time	Title
1	On Line	10/18/93 07:46	CLS - Status Report dated 5 Aug 93 CLS developers comm
2	On Line	10/18/93 07:46	CLS - Untangling the Windows Sockets API - a standardize
3	On Line	10/18/93 07:46	CLS - Sample windows source code for Windows Sockets API
4	Other	10/18/93 09:51	Test of NCR user providing information to the CLS
5	On Line	10/20/93 17:00	CLS- PKUNZIP for CLS application
6	On Line	10/28/93 14:29	CLS - Distinct offers 3-in-1 TCP/IP SDK.
7	On Line	11/05/93 13:38	CLS - SQL .NET for Windows Procedures
8	On Line	11/12/93 14:48	CLS - Roles and Responsibilities as determined on 12 Aug 93
9	On Line	12/01/93 20:48	CLS - Sample Log File
10	On Line	12/02/93 13:50	CLS - Pilot Plan
11	On Line	12/13/93 15:03	CLS - Overview Powerpoint Presentation
12	On Line	12/13/93 15:29	CLS - Overview Presentation
13	On Line	12/13/93 15:32	CLS - User Guide
14	On Line	01/05/94 13:38	CLS - Add New User Template
15	On Line	01/07/94 16:10	CLS - Latest version of the CLS application [pkzip]
16	On Line	01/07/94 16:13	CLS - Developer notes and new release 1.01 procedures
17	On Line	01/12/94 14:12	CLS - Parameter file for LINUS interface. [Please read des
18	On Line	01/21/94 16:55	CLS - Test resource for training

Retrieve Close



**"Locate and View"**

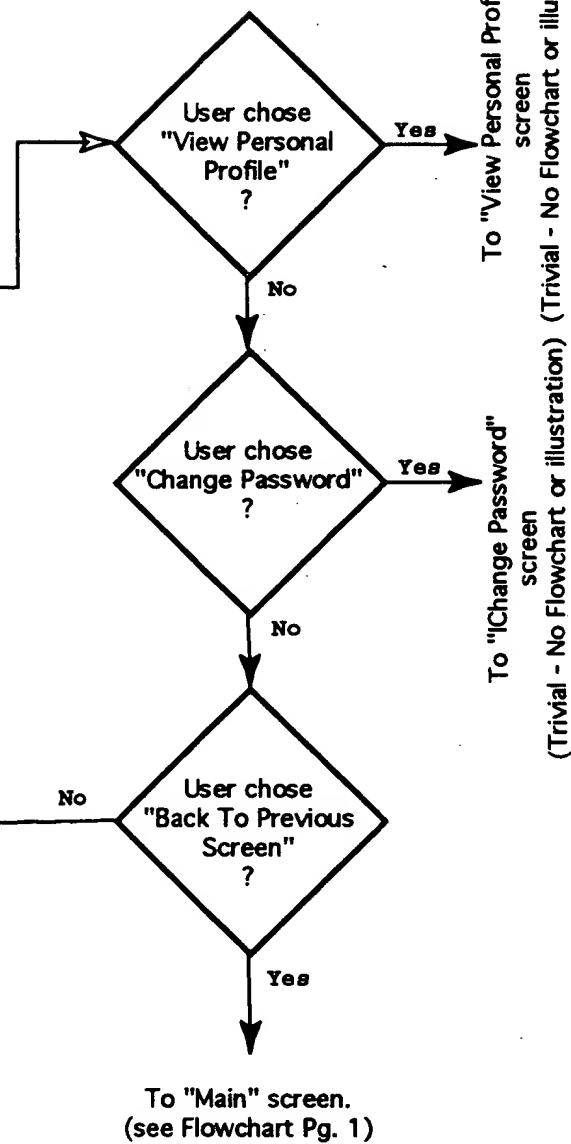




From screen  
"Main"

This is the "Personal Information" screen. The user can choose from 3 actions here. The user's personal profile can be viewed, the user's password can be changed, or the user can return to the previous (ie: "Main") screen. Note that the first two are trivial screens and no flowcharts are given.

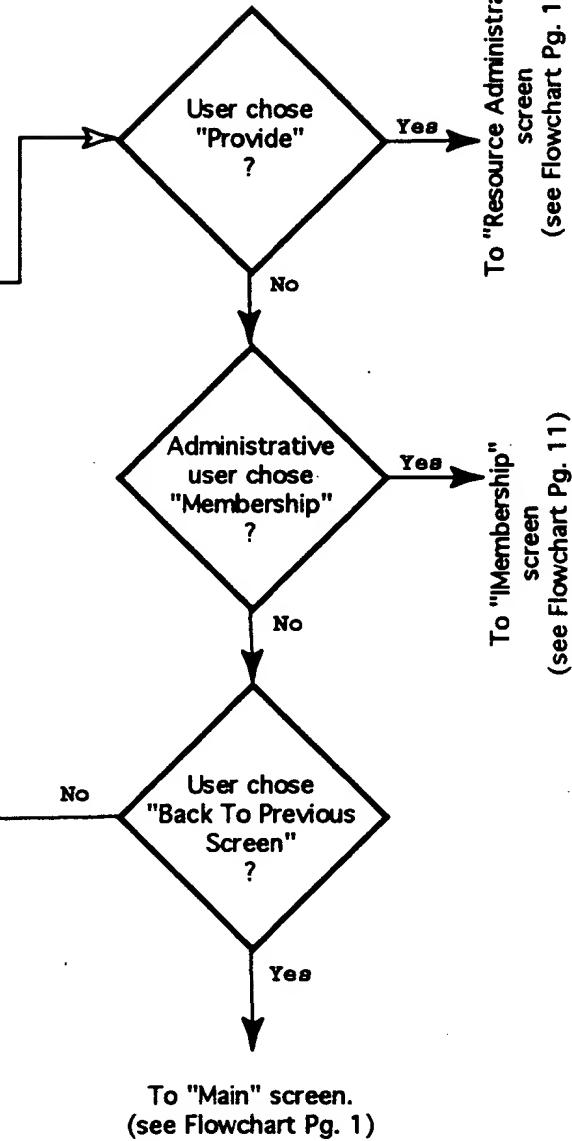
See Illustration 60 and the files MAINCAT4.OBS, MAINCAT4.OBV, USER2.OBS (for viewing personal profile), USER2.OBV, PWDCHG.OBS (for changing passwords), and PWDCHG.OBV.



(Trivial - No Flowchart or illustration) (Trivial - No Flowchart or illustration)

From screen  
"Main"

This is the "Provide or Distribute" screen.  
The general (ie: non-administrative) user can choose  
from 2 actions here. He can decide to provide resource  
profiles, or he can return to the previous (Main) screen.  
Administrative users have the additional ability to edit  
CLS membership.  
See Illustrations 40 (std. vers.) and 67 (admin.  
vers.) and the files MAINCAT5.OBS, MAINCAT5.OBV.



From screen  
"Locate and View"  
(see Flowchart Pg. 2)

Query database for list of items appropriate to screen (all resources by title, all categories, media types, or repositories).

This screen, with only minor variations, takes care of 4 of the 5 ways to view available CLS profiles. Since the screens share almost identical logic and visuals there is only one flowchart.

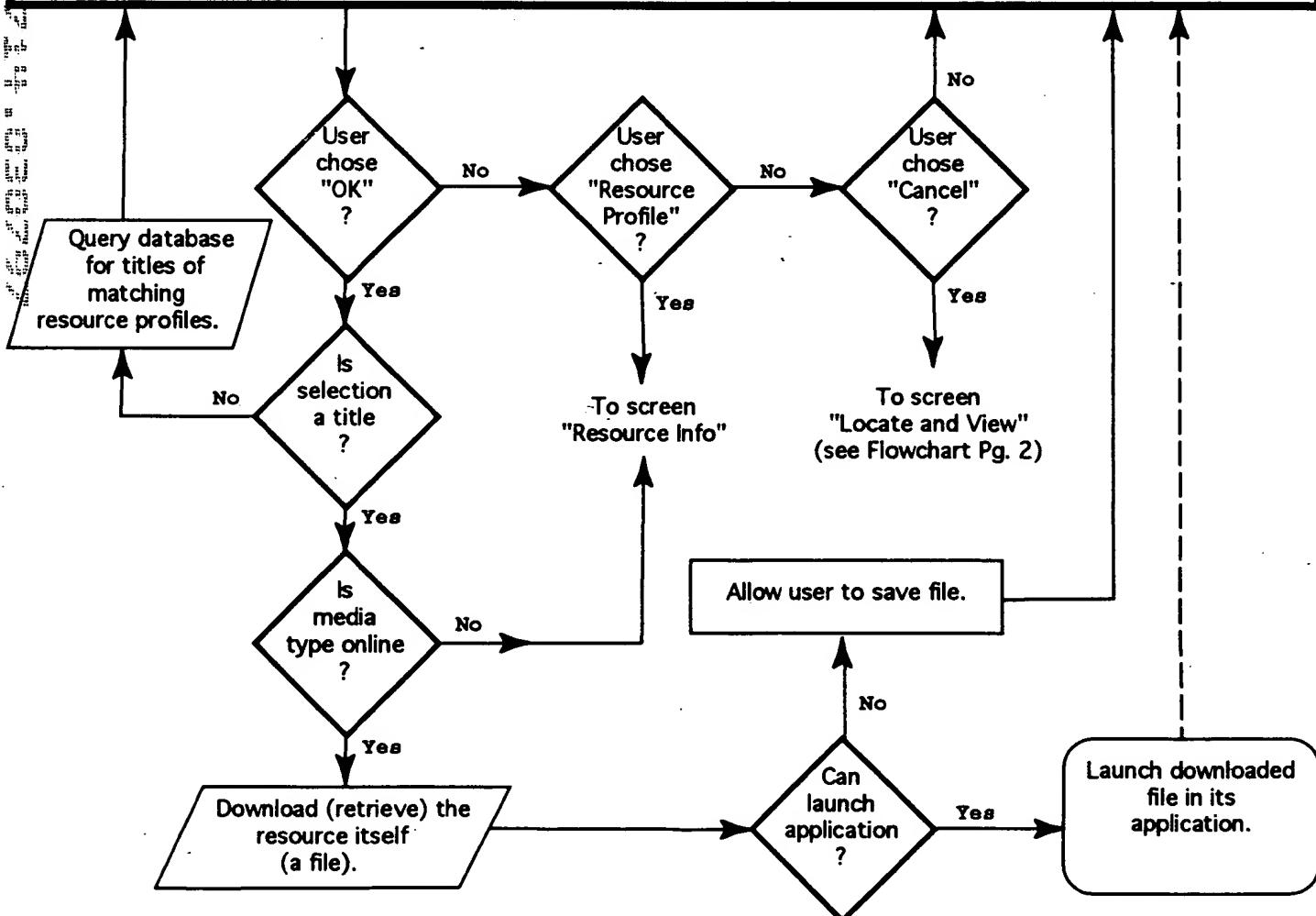
Resource profiles contain many items of information (see illustration 41), some of these are critical and are required (ie: if they are not provided, then the profile will not be accepted).

The resource title, information category, media type, and repository (an extra label) are required and form the basis for the variations in this screen. The basic idea is to display a list of all the possible values for one of these key fields, from which the user selects one, then all available profiles with matching values in that field can be made accessible using this same screen and displaying their titles.

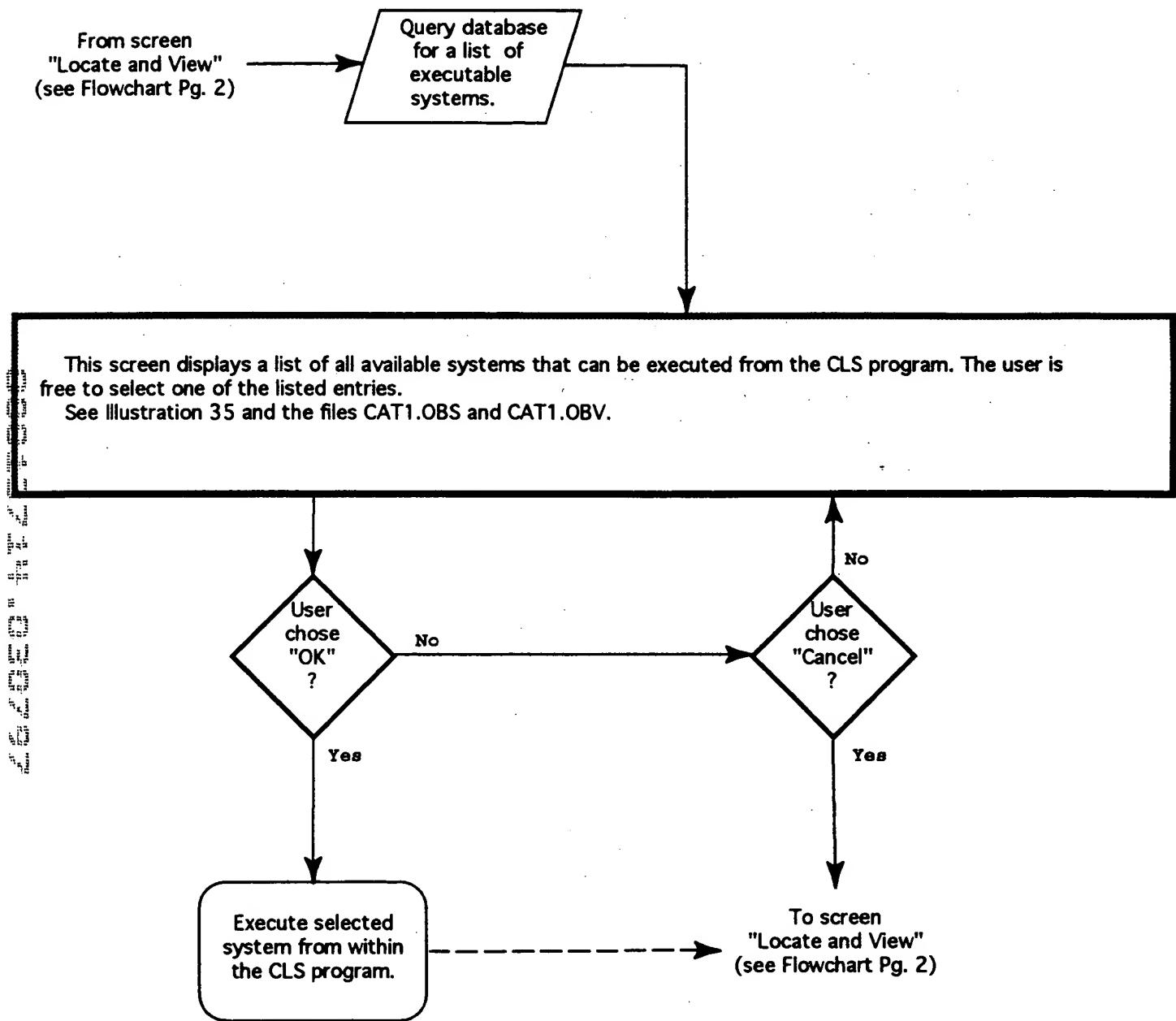
Specifically, the "Media" screen displays a list of all available media types, the "Category" screen a list of all available categories, "Repositories" a list of all available repositories, and "All Resources (A to Z)" a list of all available titles. The user is free to select one of the listed entries. Then a list of all titles which have a matching entry in that key field are displayed. Thereafter, selecting a title initiates a download (retrieval) of the file or its profile.

"All Resources (A to Z)" is a special case. A selection is a resource title - which fully specifies a unique resource - so choosing "OK" will directly attempt to retrieve the resource itself, as opposed to listing all resource profiles with matching titles, since there would only be one.

See Illustrations 19, 20, 27, 28, 30 & 31 and the files CAT1.OBS, CAT1.OBV, and RESULTS.OBS (esp. the subroutine "cataloginfo()").



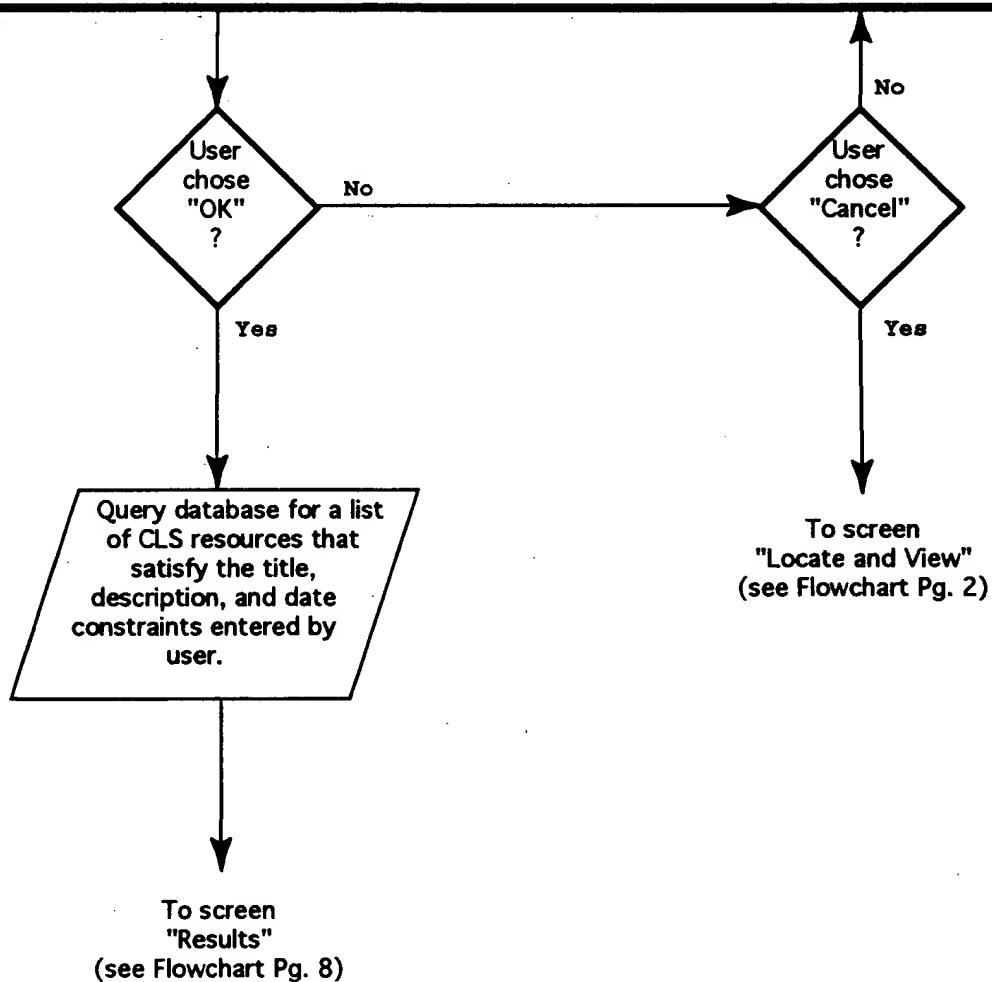
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From screen  
"Locate and View"  
(see Flowchart Pg. 2)



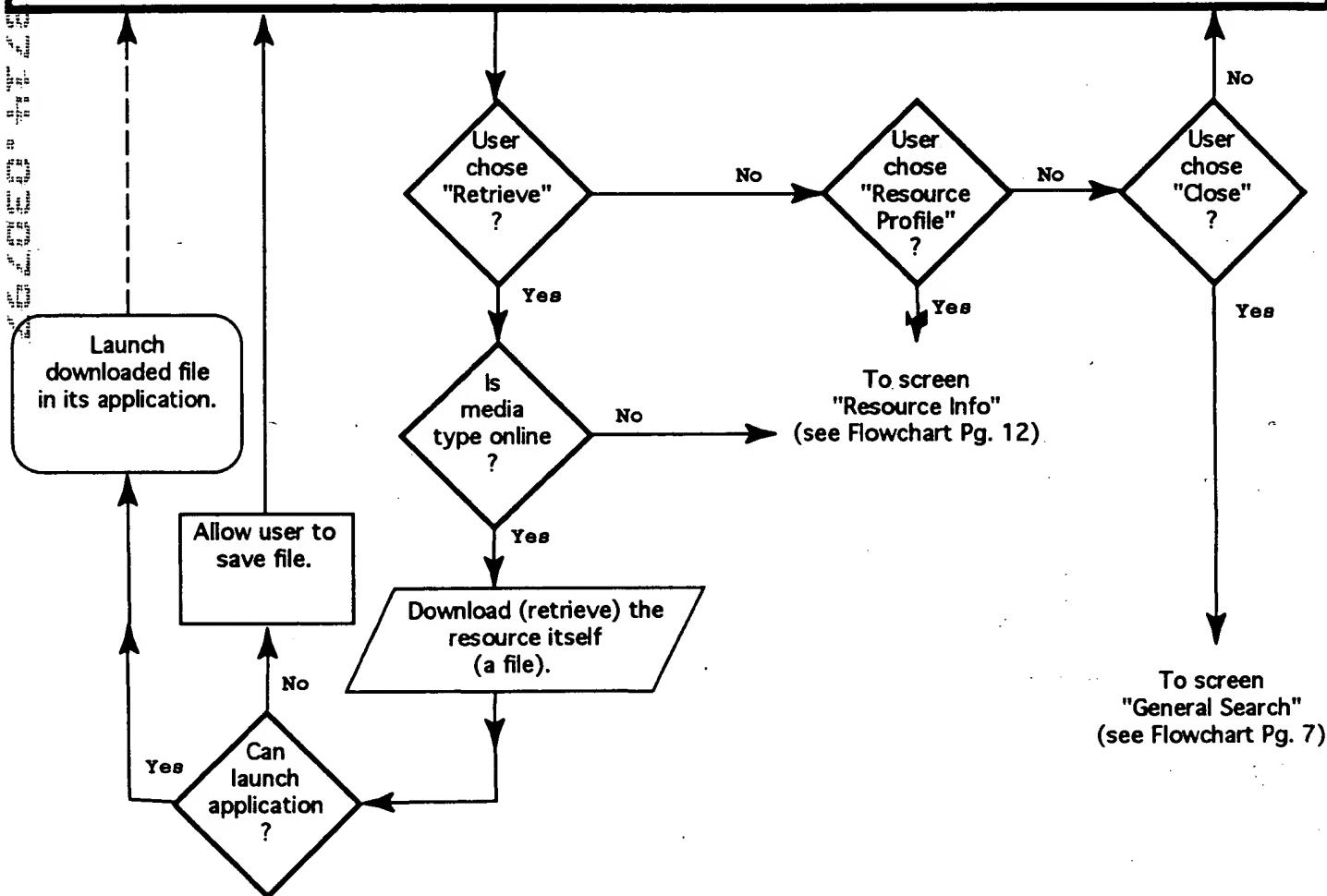
This screen manages user-entry of logical search criteria for the title, description, and date. These are used to find CLS resources whose own title, description, and date match.  
See Illustration 16 and the files SRCHNEW.OBS and SRCHNEW.OBV.



From screen  
"General Search"  
(see Flowchart Pg. 7)

This screen displays a list of resources returned from a query of the CLS database. The user can select a CLS resource from the list and then download it or get its resource profile. Retrieving (ie: downloading) the file will automatically be followed by a launch of the program corresponding to the file, if possible, otherwise CLS will offer the user an opportunity to save the file for future reference.

See Illustrations 11 and the files RESULTS.OBV and RESULTS.OBS (esp. the subroutine "cataloginfo()").



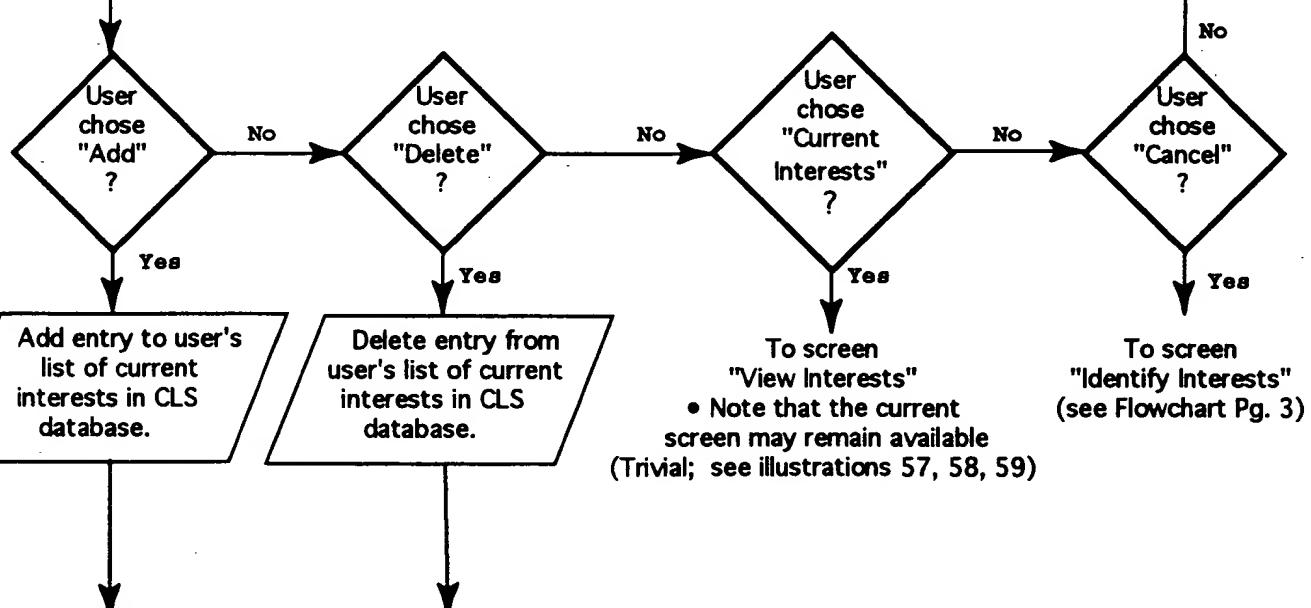
# "Interests Administration"

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From screen  
"Identify Interests"  
(see Flowchart Pg. 3)

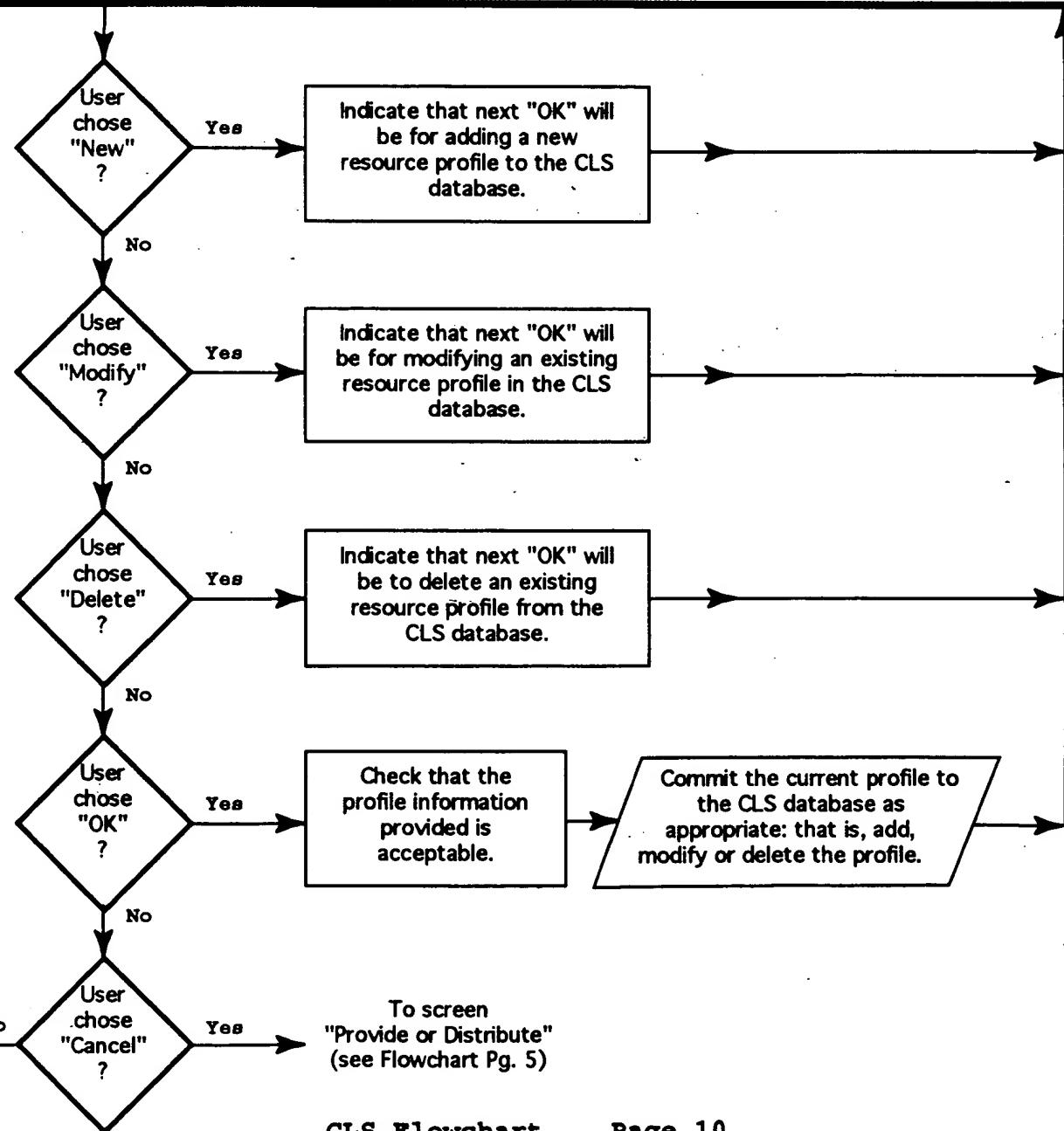
This screen allows the user to add and delete interests from the list of current interests (see illustration 59). An interest is a single line of logical search criteria for resource titles. When used for a query it will return exactly those CLS resources whose title matches the criteria. (Compare with the "General Search" screen on Pg. 7) The list of current interests is maintained in the CLS database. See illustration 59 and the files PROFILE1.OBV and PROFILE.OBS.



From screen  
"Provide or Distribute"  
(see Flowchart Pg. 5)

This screen allows the user to add, delete and modify resource profiles from the CLS database. Note that the actual resources themselves are the responsibility of the person providing the resource. In particular, if a resource is "online", then it is his responsibility to maintain a copy of the resource at the location indicated in the profile (ie: the "information filename" includes the directory path locating the file on the network).

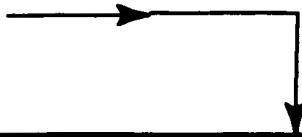
See Illustration 41 and the files CATADMIN.OBV and CATADMIN.OBS.



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**"Membership"**

From screen  
"Provide or Distribute"  
(see Flowchart Pg. 5)



This screen allows the administrative users to add, delete and modify members (ie: personal profiles) from the CLS network. This controls who can log on to the CLS network.. Note that this screen is only available to qualified users (eg: the CLS Administrator).

This screen also provides access to the "User Administrator" and "Teams" screens.

••• Flowchart details are not provided. •••

See Illustrations 68 through 75. The files MEMBERSHIP.OBV and MEMBERSHIP.OBS are not included. However, see USERADM.OBS and USERADM.OBV for the "User Administration" screen.

**"Resource Info."**

From screen  
"Results"  
(see Flowchart Pg. 5)  
also "All Resources", "Category",  
"Media" and "Repository"

This screen displays the key information about a CLS resource profile, and supplemental information about the contact (eg: E-Mail address and FAX number). It also allows the user to automatically forward an E-Mail or FAX request for more information about a resource, which is especially useful when the resource has a media type other than "online". Finally, if the media type of the resource is "online", then the resource can be retrieved directly (ie: downloaded) and launched in its native application (as can also be done from the "Results" screen).

See Illustration 52 and the files CATDBF.OBV and CATDBF.OBS.

